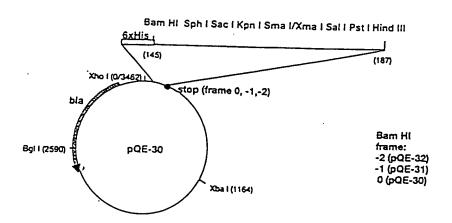
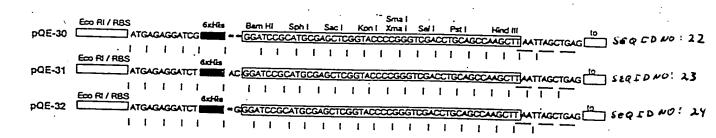


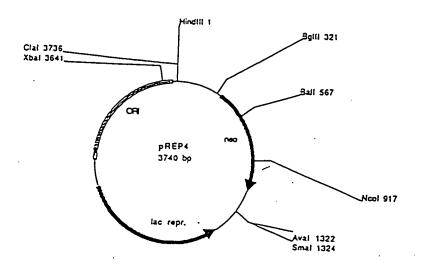
MITHGCYTRT RHKHKLKKTL IMLSAGLGLF FYVNONSFAN GENYFKLGSD SKLLTHDSYQ NRLFYTLKTG ETVADLSKSQ DINLSTIWSL NKHLYSSESE: 51 MMKAAPGQQI ILPLKKLPFE YSALPLLGSA PLVAAGGVAG HTNKLTKMSP: 101 DVTKSNMTDD KALNYAAQQA ASLGSQLQSR SLNGDYAKDT ALGIAGNQAS' 151 201 SQLQAWLQHY GTAEVNLQSG DNFDGSSLDF LLPFYDSEKM LAFGQVGARY IDSRFTANLG AGORFFLPAN MLGYNVFIDQ DFSGDNTRLG IGGEYWRDYF 251 301 KSSVNGYFRM RRWHESYHKK DYDERPANGF DIRFNGYLPS YPALGAKLIY EQYYGDNVAL FNSDKLQSNP GAATVGVNYT PIPLVTMGID YRHGTGNEND 351 401 LLYSMOFRYQ FDKSWSQQIE PQYVNELRTL SGSRYDLVQR NNNIILEYKK QDILSLNIPH DINGTEHSTQ KIQLIVKSKY GLDRIVWDDS ALRSQGGQIQ 451 HSGSQSAQDY QAILPAYVQG GSNIYKVTAR AYDRNGNSSN NVQLTITVLS NGQVVDQVGV TDFTADKTSA KADNADTITY TATVKKNGVA QANVPVSFNI ਿਓਹਾਂ VSGTATLGAN SAKTDANGKA TVTLKSSTPG QVVVSAKTAE MSSALNASAV ੇ IFFDQTKASI TEIKADKTTA VANGKDAIKY TVKVMKNGQP VNNQSVTFST 651 NFGMFNGKSQ TQATTGNDGR ATITLTSSSA GKATVSATVS DGAEVKATEV 701 751 TFFDELKIDN KVDIIGNNVR GELPNIWLQY GQFKLKASGG DGTYSWYSEN TSIATVDASG KVTLNGKGSV VIKATSGDKQ TVSYTIKAPS YMIKVDKQAY 801 851 YADAMSICKN LLPSTQTVLS DIYDSWGAAN KYSHYSSMNS ITAWIKQTSS EQRSGVSSTY NLITQNPLPG VNVNTPNVYA VCVE SEQ FO NO:19 901

1 TCGAGAATGA AACAGACGC GITGITAAGC CAARGAANA CCHCTATTIG GITATACATA 121 ATAAACATTA TIACGCCGA AGARAANATC CGATCATTA ATATAATTA TIACGCCGA AGARAANATC CGATCATTA ATATAATTA TITCCCATC 121 CAAGCATAG TGGTGGAGCC ATAACATGAT TACTCATGCT TGTTTATACCC GGACCCGGCC 121 CAAGCATAG CTAAAAAAAA CATTGATATTA TACTCATGCT TGTTTATACCC GGACCCGGCC 121 CAAGCATAG CTAAAAAAAA CATTGATATT GCTITAGGAT TGTTTTTTA 121 TGTTGATCGA AATTCATTTG CAAATGGTA AAATTGATTT AAATTGGGTT CGGATCTGAT 121 TGTTGCCGAT CATGATAGCT ATCGAGATAT TAATTTATTG ACATTGGATA CGGATCATGAT 122 TGTTGCCGAT CTITCTAAAT GCGAGACATAT TAATTTATCG ACGATTTGGT CGTTGAAAA 123 CACTTTATAC AATTCTCAAA GCGAAATGAT GAAGCCGGC CTGTCAGCA GAACAATTT 124 CCCACTCAAA AAACTTCCCT TTGAATACGA TGCACTACCA CTTTTAGGTT CGGCACCCTGC 124 CACCAAAAGC AACATGACCG ATCGACACCA CAATAAAACCA CTTTTAGGTT CGGCACCCTG 125 CACCAAAAAC AACATGCCG ATCGCAACACCA CAATAAAACCA CTTTTAGGT CGCCACCCTG 126 CACCAAAAAC AACATGCCG ATCGCAACCAC CAATAAAACCA ACCCGGAAC TACCACACACACA CAATACACCAC CAATAAACCA ACCCGGAAC TACCACACACACACACACACACACACACACACACAC						•	
ATAAACATTA TTACCCCCGA AGATAAAATC GAAATTAGA ATAAACATTA TTACCCCGGA AGATAAAATC GAACTATTA ATATATTA TTACCCATCATC TAACTCATTC TGGGGGGC ATAACATGAT TACCCATGAT TGTTTATACCC GGGACCGGGA CACCAGAA ACACCATAGA CATGATAGCT ATCAGATCC CTTTTTTATA AGATTGGCT TGTTTTTTA ACCTTAACT CATGATAGCT ATCAGATCC CCTTTTTTATA ACGTTGAGAA CGGGACCGGGA CCGGCCCCAAA AAAACATTCCT TGAATAGCT AAATTGATTA CGTTTAGGCT CGGTTAGAA ACCTTATACA CATGATAGCT ATCAGATCC CCTTGTTTATA ACGTTGAGAA CGGGCACACA CCACCTAAAA AAACTTCCT TTGAATAGC GGAAATGAT TAATTTATC ACGTAGAAA CGCCACCTCT TGTTGCTGCA GGTGGTGTTG CTGGTCACC GAATAAAATTG CCCCGGACCTCT TGTTGCTGCA GGTGGTGTTG CTGGTCACC GAATAAAATTG CCCCGGACCTCT TCTTGGTTGC GGTGGTTTG CTGGTCACC GAATAAAATTG CCCCGGACCTCT TCTTGGTTAGC CAGCTTCAAC GTACACAGC ATTAAAATTAT CAGCCAAATTAT CACCCACACACACACACACACACACACACA	1	TCGAGAATGA	AATAGAAGTC	GTTGTTAAGT	CAATGGAAAA	CCTGTATTTG	GTATTACATA
181 TARACTICATTE TGGTGGGGC ATRACATGAT TACCATGGT TGTTATACC 241 CAAGCATAG CTARAAAAAA CATTGATTAT GCTTAGTGCT GGTTTAGGAT 361 TGTTATACTA AATTCAGTTT GAATGGTGT AATTTGATTAT 361 TGTTAATCA CATCATAGT ATCAGAATGG CTTTAGTGCT GGTTTAGGAT 361 TGTTAATCA CATCAGATGG ATCAGATGG CCTTTTTTAT ACGTTTGAAA 362 TGTTCAGCAC CATTCCTAAAA GCGACATAT TAATTTATTC ACGTTTGAAA 461 GCCACTCAAA AAACTTCCT TTGAATAAG TGAAGCCCCC CCTGGTCACC GAATCATTTG 561 GCCACTCAAA AAACTTCCT TTGAATAAG TGAACACCA CTTTTAGGTT CGGCACCTCT 561 GACCAAAAGC ACACTGCCC GATCACCAC GAATAAATTT ACCTTAGGTT CGGCACCTCT 661 GACCAAAAGC ACACTGCCC GATCACCAC GAATAAATTT ACCCGGCACTCT 661 GACCAAAAGC ACACTGCCC GATCACCAC GAATAAATTT ACCCGGCACTCT 781 TGGTTACCCC GCGATCACCAC GAATAAATTT GCGGCACCACAC CAGCCACACAC CAGCCACACAC CAGCCACACAC CAGCCACACAC CAGCCACACACA	_	ATCAGGGAAT	AACATTAGAA	AACGAACATA	TGAAAATAGA	GGAAATCAGT	TCAAGCGAGA
741 CAGCGTARA ATAMA CATTGATTAT COTTAGECT GETTAGACA 301 TGTTAATCAG MATICATTT CAAATGGTA AAATTATTT AAATTGGGTT 301 TGTTAATCAG MATICATTT CAAATGGTA AAATTATTT AAATTGGGTT 301 TGTTAATCAG MATICATTTG CAAATGGTCA AAATTATTTT AAATTGGGTT 301 TGTTGATCAG CATGCTAGAAT CAAATGGTCA AAATTATTTT ACCTTGAAAA CTGGTGAACA 421 TGTTGCCGAT CTTTCTAAAAT CGCAAGATAT TAATTATCA ACCATTTGGT CGTTGAATAA 481 GCAATTATCA AGTTCTGAAA GCCAATCAG TCATTTAGGTT GCGCACCTCTT 501 TGTTGCTCAA GAACTTGCCT TTGAATTACAG TGCACTACCA CTTTTAGGTT CGCGCACCTCTT 602 TGTTGCTCAA GAACTTGCCC TTGAATCACAG CAATAAATCT ACCACAAAAACACACACACACACACACA		ATAAACATTA	TTACGCCGGA	AGATAAAATC	CGATCTATTA	ATATAATTTA	⊃ىئىئى لا ⊃ىئى ئىئىلىش
241 CAAGGATAAG CITAAAAAAA CATTGATTAT GCTTAGTGCT GGTTTAGGAT TGTTTTTTA 301 TGTTAATCA AATTCATTT CAATAGGTA TAATTATTT AAATTGGGTA 421 TGTTGCCAT CTTCCTAAAA GCGAACATA TAATTTATTC ACGATTGAAA 421 TGTTGCCCAT CTTCCTAAAA GCGAACATA TAATTTATCA ACGATTGGT CGTTGAATA 421 GCACTCAAA AAACTTCCCT TGAATAACAG GCACCCCC CCTGGTCACC AGATCATTT 541 GCCACTCAAA AAACTTCCCT TGAATACAG TGCACTACCA CTTTTAGGT CGGCACCTCT 541 GCCACTCAAA AAACTTCCCT TGAATACAG TGCACTACCA CTTTTAGGT CGGCACCTCT 541 TCTCGGTAGC CAGGTTCACAC CAATAAAATTA GCGGCACACAC AGACCACTCT 541 TCTCGGTAGC CAGGTTCACC CAATAAATTA TGCGGCACACAC AGGCGGCAG 541 TCTCGGTAGC CAGGTTCACC CAGATCATAT TGCGCCAACAC ATTATGGACA 541 GGCACGGTT AATCTGCAG CTTCGTCACA GTTGCACAC 541 TCCCGCTTT ACGCCAAAAAAACAC ATTATGGACAC 541 TCCCGCTTT ACGCCAAAAA AAATCTGGC ATTTGGTCAC 541 TCCCGCTTT ACGCCAAAAA AAATCTGGC ATTTGGTCAG GTTGACACG 541 TCCCGCTTT ACGCCAAAAA AAATCTGGC ATTTGGTCAG GTTGACACG 541 TCCCGCTTT ACGCCAAAAAAAAAAAAAAAAAAAAAAAA		TAACTCATTG	TGGTGGAGCC	ATAACATGAT	TACTCATGGT	TGTTATACCC	GGACCCGCCA
361 ACTGETAAAT CATGATATG CAAATGGTCA AAATTATITT AAATTGGGTG CAGGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG		CAAGCATAAG	CTAAAAAAAA	CATTGATTAT	GCTTAGTGCT	GGTTTAGGAT	ան արարարարար չ
421 TOTTGCCGAT CTTTCTAAAT CGCAGATTG CCTTTTTTAT ACGTTGAAAA CTGGTGAAAAC 421 GCATTAACT ACTTCGAAA GCGAAATGAT TAATTATTG ACGTTGAATAA 431 GCCACTCAAA AAACTTCCCT TTGAATACAG TGCACTACCA CTTTTAGGT CGGCACCTCT 431 TGTTGCTGCA GGTGGTTTG CTGGTCACC GAATAACTG ACTAAAATGT CCCGGACGT 432 TCTCGGTAAC CAGCTTCACT CCGGACTCTCT GAACGGCCGAT TAGCGCAAAA GACGGCGACTCT 431 TCGGTATCG CGGTAACCAG CTTCTCACC GAATAAACTG ACTAAAATGT CCCCGGACGT 431 TGGTATCGCT GATAACCAG CTTCTCTCACC GAACGGCCGAT TAGCGCAAAA GATACCGCGTCT 431 TGGTATCGCT GATACCAGG CTTCCTCACC GAACGGCCGAT TAGCGCAAAA GATACCGCGTCT 431 TGGTATCGCT GATTCCGAAA AAATTCCACA GTGCTAATAA 431 GGCACAGGTT AATCTCCACA GTGCTAATAA 431 GGCACAGGTT AATCTCCACA GTGCTAATAA 431 GGCACAGGTT AATCTCCACA GTGCTAATAA 431 TGGCACAGAT CTGCGAAATT TAGGGACGT TTTCTGGTGTAT TTCCTCCTC CAAACAGTT 431 TGGCCAAATAC TGGCGAAATT TAGGGACTT TTTCTGGTGTAT AATCTCCTCC CAAACAGTT 432 TCGGCAATAC TGGCGAAATT TAGGGACTT TTCTGGTGTAT AATCTCCTCC CAAACAGTT 432 TCGGCAATAC TGGCCAAATA ACAAACACA TTCACAGATT TTCCGGTATAA AATACCCACT TAGGTAATGG 4331 TGGCCAATAC TGGCCAAATA ACAAACACA TTCACAGATT TTCCGGTATA AATCACCAGG TCATAACAATA ACAAACACAA TTCACAGAATT TAGGTAAGGC CCACCAAAT AGCCACTATAACC GCTCATATCC GCATATACG CCACCAATA TGAAACACACA TTCACAGAAT TACTTCAGGAT TATCTCATGAT ACTTCCATTCATT TAGGTAACGC TCCACCAATA TACAACACACA TTCACCAGT ACCTGGTGG TCCACCAATA TCCACAGAA TTCACCAGA TCCACTCAATA 441 TAAATCGTGG GTTAAACAAA ATAAACCACA TTCCTCGGTG ACCATCGATACA 441 TAAATCGTGG GTTAAACAAA ATAAACCACA TATCTCAAGA TCCACTGGTG ACCATCGATACA 441 TAAATCGTGG GTTAAACAAA ATAAACCACA TATCTCAAGA CAATTATCAG 441 TAATCTTCTC TCCAATATAC CACCACATA TCCACGATACA AGACACACA ATACCACA TATCTCACAGA 441 TAATCTTCTC TCCAATATAC CACCACATA TCCACGATACA AGACACACA ATACCACAGA TATCACCACA 441 TAATCTTCTC TCCAATATAC CACCACATA TCCACACATA CAAATCTTCT TACTCAATA AAACACACA TCCAGACACACA ATACCACAGA TCCACGAGAA TCCACACAGA ATACCACAA TCCACACAGA CACCACAAAACTT TCCACAATAT AAACACACA TCCACACAGA CACCACAGAACACACAACACT TCCACACAACACT TCCACACACACA		TGTTAATCAG	AATTCATTTG	CAAATGGTGA	AAATTATTTT	AAATTGGGTT	CGGATTCAAA
421 TOTTGCCGAT 481 GCACTCAAA AAACTICCCT TIGAATAA 541 GCCACTCAAA AAACTICCCT TIGAATACA 541 GCCACTCAAA AAACTICCCT TIGAATACA 541 GCCACTCAAA AAACTICCCT TIGAATACA 541 GCCACTCACA 641 TOTTGCTGCA 641 GCCACTCACA 641 GCCACTCACC 721 TCTCGGTACC 642 GGTGGTGTTC 643 GCCACAAACC 644 GGCACCACC 644 GGCACCACC 645 GGTACCACC 646 GGCACCACC 647 GGTACCCCC 647 GGTACCCCC 647 GGTACCCCCC 648 GGCACCACCC 648 GGCACCCC 648 GCCC 648 GGCACCCC 648 GCACCCC 648 GGCACCCC		ACTGTTAACT	CATGATAGCT	ATCAGAATCG	CCTTTTTTAT	ACGTTGAAAA	CTGGTGAAAC
481 GCACATITATAC AGTICTEGAAA GCGAAATGAT GAAGGCCGCG CTTGTAGGCA GABRCATTTT 541 GCACCACACAA AAACTICCCT TIGAATACAG CACATACCA CTTTTAGGTC GGCACCTCT 661 GACCAAAAGC AACATCACCG ATGACCAAGC CATATACAGT CCCCGACGT 721 TCTCGGTAGC GAGTACCACG ATGACCAAGC TATACAGTAAA ATCCCCGTCACT 722 TCTCCGTACC GAGTACCACG CTCCTCACA GTTCACGGAAAA ATCCCGCGCTAC 731 TGGTATCGCT GATACCACG CTCCTCACA GTTCACGGAAAA ATCCCGCTCT 732 TCTCCGCTAC GAGTACCACG CTCCTCACA GTTCACGGAAAA ATCCCGCTC 733 TCCCCGCTTT GATTCCGAAA AAATCCTGC ATTTCACAGGA ACTTCATGA 961 CTCCCGCTTT ACGCCAAAAT TAGGTCCGGA TCCCTCACAC GTCCCGCCTT TTCCTCCTG CAAACACTT 9701 ACCGTTCTAT GATTCCGAAA AAATCCTGC ATTTCACAGG GTCCGAGGC GTTACATTGA 9701 CTCCCGCTTT ACGCCAAATT TAGGTCCGGA TCCTCTCACTG ACCGCATTT TTCCTTCCTG CAAACACTT 1021 GCGCAATAC TGGCCAGACT ATTTCAAAAG TAGCCTTAAC ATACACCTAT ACGCCAATTCA 1021 CCGTTTTAAT GCCAACACTA AGAAAGACTA TGATGAACCC CCACCAAATT CGCATACCACTA 1221 GCGCACCATT GGCTAAACATA AGAAAGACTA TGATGAACCC CCACCAAATT CGCACCACACT CGCTCCATATC 1221 GCGACCCGTT GGTGTAAAACATA AGAACACATA TCCCGAT TCCTCGATAC 1221 TCATTATGGT GATAATGATC CCTCTATTAC TCCCCGATTCACC 1221 CAACTCTCC GCTCAAAACAC TACCCCGAT TCCTCTGCTG ACCATAGGCA TCCATTACCC 1221 CAACTCTTC CACAAAA ATCACCCCAT TCCTCTGCTG ACCATAGGCA TCCATTACCAC 1221 CAACTCTTC CACAAAA ATCACCCCAT TCCTCTGCTG ACCATAGGCA TCCATTACCAC 1221 CAACTCTTC CACAAATA AACACCCAC TTACCCAT TCCTCGATAC 1221 CACGTCACA CACAGGCCA AACACTCTAC CACAGGCA ACCACAGACAA 1221 CACAGTCAC GACACAGACAA ACCATACAATA AACACACACACACACACACACAC		TGTTGCCGAT	CTTTCTAAAT	CGCAAGATAT	TAATTTATCG	ACGATTTGGT	CGTTGAATAA
GCCACTCAAA AAACTICCCT TIGAATACAG TGCACTACCA CTITIAGGT CGCCGACCTCT GTTGGTGGC GGTGGTGTTC CTGGTCACAC GATAAACTAC ACTAAAATTA CCCCGGACGT TCTCCGGTAGC CAGCTTCAGT GCCGATCTCT GAACGGGGGTAT TACGCGAAAAACCA AGCGGGGGAG TCTCTTTCTTTT TGGTATCCCT GATACCAGG CTCCTCTCACA GTTGCAGGCC TGGTTACAAAAACAAAAC	-	GCATTTATAC	AGTTCTGAAA	GCGAAATGAT	GAAGGCCGCG	CCTGGTCAGC	AGATCATTTT
661 GACCAAAAGC AACATGACCG ATGACAAGCG AATAAAATTA GCGGCACAAC AGGCGGCAGC 721 TCTCGGTAGC CAGCTTCAGT CGCGATCTCT GAACAGGGC TTCTCGCGCTACAC GGCGCACAC AGGCGCAGCAC 781 TGTTGCGTAG CAGCTTCAGT CGCGATCTCT GAACAGGGC TTCTCGTCACAC GTTGCAGGC TTGGTTACAAC ATTATGGAAC 841 GGCAGAGGTT AATTGGCAGA GTGGTAATAA 901 ACCGTTCTAT GATTCCGAAA AAATGCTGGC TTTGTGCAGGC TGTGTACAAC ATTATGGAAC 961 CTCCCGCTTT ACGGCAAATT TAGGTGCGGG TCACCTTTTTCTTCTG 961 CTCCCGCTTT ACGGCAAATT TAGGTGCGG TCACCGTTT TTCCTTCCTG GAACATGTT 1021 GGCTATAAC GTCTTCATTG ATCAGGATT TTCTGGTCAG GTTGCAGCG GTTACATTG 1081 TGCGCAAATAC TGGGGAGACT ATTTCAAAAAG TAGCGTTAAC GCATAATTGC 1081 TGCGCAAATAC TGGGGAGACT ATTTCAAAAAG TAGCGGTAATAC 1201 CCGTTTTAAT GGCTAACATA AGAAGACTAT TCACTGAGCG GCACAGACTG TATATGAGCA 1201 CCGTTTTAAT GGCTAACATA AGAAGACTA TATATGAGCA 1211 CTAGGTAGG GCTAAAACT ATTCACAAAA TAGAAGACTA TCACTGAGCG 1212 GGCGACCGTT GGTTAAAACT ATACCCCGAT TCCTCTGAGT ACGACACCGT ACATTGCGAAA 1212 CCACTTTAAA GGCTAATACTC CTTTGTTTAA TCTCTGATAAG CTCCAGACTGA ATCACGGCA 1381 TCATGGTACG GGTAATCAAA ATGACCACA TCCTCGATAT CAGCTCAAA TACACTTACA 1381 TCATGGTACG GTCTCAAAAT AGAACCACA GAACACATAT CATTATCAGCA 1501 TATCTTTTCT CTGAATATCT CGCATGATAT CAGCTAATAC CAGTTACAGA CATTATCAGC 1501 TATCTTTTCT CTGAATATCT CGCATGATAT CAGCATATA CAATTATTAT CAGCTAAAA CAATACGGTT 1621 TCAGGTTAAT CGTTATGTC CGCATGATAT TAATGGTAC AGAACCAGTA CCCAGAAGAT 1631 TCACGTTAAT GGCAATAGCT CTAACCACA GGACCCAAA AGAACCAGTA CCCAGAAGAT 1631 TCACGTTAAT GGCAATAGCCT CTAACCACATA CATTACCAGC CAATATTTAT AAAGCGACA ACACCAGGA ATCACCAGGA 1861 TCAAGTTGTC GCTAATAGCC GGATAACCAT ACACCAGTA CTCCAGCAGAA 1861 TCAAGTTGTC GCTAATAGCC GGATAACCAT ACACCAGTA CTCCAGACAGA 1861 TCAAGTTGTC GCTAATAGCC GGATAACCAT ACACCAGGA CTCCAGAAGAT 1861 TCAAGTTGC GCTAATAGCC GAACACAGT TATCACCACAGC CAATATTTAT AAACCACCA GCATAACCAGT TCTCAGACACA ACACACAGGT TATCACCACAGC CAATACCACAG CAATACCACAG CAATACCACAG ACCACAGAGC TAACCACAG CAATACCACAG CAATACCACAG ACCACAGAGC TAACCACAG ACCACAGAGC TAACCACAG ACCACAGAGC TAACCACAG ACCACAGAGC TAACCACAG ACCACAGAGC TAACCACAG ACCACAGAGC TAACCACAG CAACACAGC TAACCACAG CAACACAGC TAACCACACAG ACCACAGC		GCCACTCAAA	AAACTTCCCT	TTGAATACAG	TGCACTACCA	CTTTTAGGTT	CGGCACCTCT .
GACCAAAAGC AACATGACCG ATGACAGGGC ATTAAATTAT GCGGCACAAC AGGGGGGGAC 781 TGCTGGTTGC CAGCTTCTACT GCGCATCTCT GAACGGCGAT TAGCGAAAAG ATACCGCTCT 781 TGCTATCGCT GGTAACCAGG CTTCGTCACA GTTGCAGGC TGGTTACAAC ATTATGGAAC 841 GGCAGAGGTT AACTGCAGAA ATACTGCGAA 7901 ACCGTTCTAT GATTCCGAAA ATACTGCGGC ATTTGGTCAG GTTGCACTG 961 CTCCCGCTTT ACGGCAAAATT TAGGTGCGGG TCAGCGGTTT TTCCTTCCTG CAAACATGT 1021 GGGCTATAAC GTCTCATTG ATCAGGATTT TTCTGTGAT AATACCCGTT TAGGTATGGG 1081 TGGCGAATAC TGGGGAGACT ATTTCAAAAG TAGCGCTTACA GGCTATTCC GCATGAGGGG 1081 TGGCGAATAC TGGGGAGACT ATTTCAAAAG TAGCGTTAAC GGCTATTCC GCATGAGCGG 1081 TGGCGAATAC GTCTTCATTG ATTCAAAAG TAGCGTTAAC GGCTATTCC GCATGAGCGG 1081 TGGCGAATAC GTCTACAATA AGAAAGACTA TCATGAGCC CCAGCAAATG GCTTCGATAT 1081 CCGCTTTAATG GATAACTTAC CTCTTTTAA TCATGAGCC CCAGCAAATG GCTTCGATAT 1081 TCATGGTACG GGTAAAACTT ATACTCCCGAT TCCTCTGGTG ACCAGCTGA ATCCTGGTGC 1081 TCATGGTACG GGTAAAACTT ATACTCCCGAT TCCTCTGGTG ACCAGCTGA ATCCTGGTGC 1081 TCATGGTACG GGTAAAACTT ATACTCCCGAT TCCTCTGGTG ACCAGTCGA ATCCTGTTCA 1081 TCATGGTACG GGTAAAACTT ATACCTCCGAT TCCTCTGGTG ACCAGTGGA ATCCTGTTCA 1081 TCATGTTACG GGTAAAACTT CAGCTAAAA ATACCGCTC TACCAGGAC ATCCTGTTGA 1081 TCATGTTACG GGTAAAACTT CAGCTAAAA ATACCGCTC ACCAGCAAAA ATACCGCTC ACCCCTTAC GGATCAGAA ATACCGCTC ACCAGCAGAA ATACCGCTC ACCAGCTTAC ACCAGCTACA ATACCGCTC ACCAGCAGAAA 1081 TCACCTTAACA GGCAATACCT CTCAACAACTT ATACGGACC ACCAGCAAGAA ATACCGCTC ACCAGCTACAA ACCAACAACAT ACCAGCTCAAAA ACCAACACAGAA ATACCGCTC ACCAGCTACAAA ACCAACACAGAACAT ACCACGCCTAAACCC GCAATAACCC GCAATAACCC CAACAACACACA ATACCGCC ACCAGCTAAAACCC GCAATAACCC CAACAACACACA ATACCGCC ACCAGCTAAAA ACCAACACACAAACCC ACCAGCTCAAAACCCA ACCAACACAACA	601	TGTTGCTGCA	GGTGGTGTTG	CTGGTCACAC	GAATAAACTG	ACTAAAATGT	CCCCGGACGT .
781 TCTCGGTAGC CAGCTTCAGT CGCAATCTCT GAACGCGCAT TACGCGAAGA ATACCGCTCT 781 TGGTATCGCT GGTAACCAGG CTTCGTCACA GTTGCAGGC TGGTACACA ATTATGGAAC 841 GGCAGAGGTT AATCTGCAGA GTGGTAATAA CTTTGACGGT AGTCCAGAAC ATTATGGAAC 901 ACCGTTCTAT GATTCCGAAA AAATCCTGGC ATTTGGTCAG GTCGGGAGGG GTTACATTGA 961 CTCCCGCTTT ACGCCAAATT TAGGTGCCGG TCAGCGTTT TTCCTCTCC CAAACAAGTT 1021 GGGCTATAAC GTCTCAATG ACAGGATTT TTCTGGTGAT TTCCTCTC CAAACAAGTT 1021 GGGCTATAAC GTCATCAATA AGAAAGACTA TAGCGTATAT TCAGCAGAAG GCTACAGAGGG 1141 CTGGCAATAC GTCATCAAATA AGAAAGACTA TAGCGTATAC 1261 GTATTATGGT GATAACATA AGAAAGACTA TAGCGCCC CCAGCAAAT GCATCGAGCG 1261 CCGTTTTAAT GGCTATCTCA CGCCATTACC GCCAATTAGCC 1261 CCGTTTTAAT GGCTATCTCA CGCCAATTCC GCCAATTAGC 1261 CTGTATTATGG GATAACTAA ATACCCCGAT TCCTCTGTG 1271 CCGCGTTCAAACT ATACCCCGAT TCCTCTGTGT 1281 TCAGTGACG GATAACTAC ATACCCCAT TCCTCTGTG 1281 TCAGTTACG GATAACATA CACCCCAT TCCTCTGTG 1281 CAGCCCTTAC GATCTGCAAA TGAACCACCA TCTACTCAAAA CAGTTCCGTA 1281 TCAGTTACC GATCTGCAAA TGAACCACCA GATAACTAAC CAGTTAAGAA CATAACCAGGA 1281 TCAGTTACC GATCAGAAA TGAACCACCA GAACACAGAA CAGAGCAGA 1281 TCAGTTACC GATCAGAAA TGAACCACCA GAACACAGAA CAGAGCAAA 1281 TCAGTTACC GATCAGAAA TAGACCACCA GAACACAGAA CAGAGCAAA 1281 TCAGTTACC GATCAGAAA TGAACCACCA GAACACAGAA CAGAGCAAA 1281 TCAGCTTACC GACCAGAAA TGAACCACCA GAACACAGAAA CAGAACCAGAA 1281 TCAGATTACC GCCAACACACACACACACACACACACACACACACAC	661	GACCAAAAGC	AACATGACCG	ATGACAAGGC	ATTAAATTAT	GCGGCACAAC	AGGCGGCGAG:
781 TGGTMATCGT GATACCAGG CTTCGTCACA GTTGCAGGCC TGGTMACAAC ATTATGGAAC GCGCAGAGGT AACTCGCAGA ACATCTCTATT 901 ACCGTTCTAT GATTCCGAGA AAATGCTGC TCCCGGCTTT AGGGCAAATT TAGGTGCGGG TCAGCGTTTT TTCCTGCCTG CAAACATGTT TCCTCCCGGTTT AGGGCAAATT TAGGTGCGGG TCAGCGTTTT TTCCTGCCTG CAAACATGTT TTCGGCAACAC GTCACACACATG GCGCTATACC GCGCATAACCCGTT TAGGTATCGG GCGCAAACATGTT TTCTGGCAACAC GCCACAAATG CTCACCACAATG GCCATCAACAC TCACCACAATG GCCATCAACAC CCACCAAATG GCCATCAACAC TCATCCACACAC GCCATCATAC GCCATTAAC GCCATCAACAC GCCATCAACCG GCCACACACTG GCTTCGATATC GCCATCACCG GCCACACACAC GCCACACACAC GCCACACACA	721	TCTCGGTAGC	CAGCTTCAGT	CGCGATCTCT	GAACGGCGAT	TACGCGAAAG	ATACCGCTCT
901 ACCGTCTATT GATTCCCGAA AATCCTGC ATTTGGTCAG GTCGGACCC CAAACATGTA 961 CTCCCGCTTT ACGGCAAATT TAGGTGCGG TAGGCGTTTT TTCCTTCCTC CAAACATGTA 1021 GGGCTATAAC GTCTCTATTG ATCAGGGATT TTCGTCAGT GAAACATGTT 1021 GGGCTATAAC TGCGCAAATT TAGGTGCGG TAGGCGTTTT TTCCTTCCTC CAAACATGTG 1141 CTGGCGAATG TGCGGAGACT ATTTCAAAGA TAGCGCTTACC GGCTATTTCC 1261 GTATTATGG GCTATACA CGTCATATCC GGCATAGCG CCACAAATG GCTTCCATATG 1261 GTATTATGG GATAACTTAC CGTCATATCC GGCATTAGCG GCCAAGCTGA TATATCAGACA 1261 GTATTATGG GATAACATTA AGAAAGACTA TCCTCTGTGG GCCAAGCTGA TATATCAGACA 1261 GCGACCGTT GATAACATA AGAAAGACTA TCCTCTGTGG GCCAAGCTGA TATATCAGCA 1261 GTATTATGG GATAACATTA CCTCTCTCTCTC GCCACAGCTGA TATATCAGCA 1261 TATATCAGG GGTAAACAT ATACTCCGAT TCCTCTGGTG ACCACAGCTGA TATATCAGCA 1271 CAGCCGTTAC GGTGAAAACT ATACTCCGAT TCCTCTGGTG ACCACAGCTGA TCCTTGGTG 1281 TCATGGTACG GGTAAACAT ATACTCCGAT TCCTCTGGTG ACCACAGCTGA ATCCTTGTGT 1281 TCATGGTACG GGTAAACAT ATACTCCGAT TCCTCTGGTG ACCACACAGTA ATCCTTGTGA 1281 TCAGGTGACC GATCTGGTTC AGCGTAAAAA ATCATCTCT TTACTCAATG CAGTTAACAA CACACACATA 1281 TCAGGTTGATC CTGAAATATC CGCATGATAT TAATGGTACC GACCACAGAT ACCACACATA CTTAACACACA TCCTGGGATC AACACACATA CTTAACACACA TCCTGGGATC AACACACACATA CACACACATA CACACACATA CACACACA	781	TGGTATCGCT	GGTAACCAGG	CTTCGTCACA	GTTGCAGGCC	TGGTTACAAC	ATTATCCAAC
961 CTCCCGCTTT ACGGCAAATT TAGGTGCGGG TCAGCGTTTT TTCCTTCCTC CAACATGTT 1021 GGGCTATAAC GTCTTCATTG ATCAGGATTT TTCTTGGTGAT AATACCCGTT TAGGTATTGC 1081 TGGCGAATAC TGGCGAGACT ATTTCAAAAG TAGCGTTATAC GGCTATTTCC 1081 CTGGCGATAC TGGCGAGACT ATTTCAAAAG TAGCGTTAAC GGCTATTTCC 1081 CTGGCGATAC TGGCGAGACT ATTTCAAAAG TAGCGTTAAC GGCTATTTCC 1081 CTGGCATCAG TCATACCAATA AGAAGACTTA TCATGAGCG GCCAAGACGGA TATATGAGCG 1261 GTATTATGGT GATAATGTTG CTTTGTTTAA TCATGAGCG CCCAGCAAATG GCTTCGATTAC 1271 CTGGCATCAG GGTAAACTAC CGCCATTACC 1381 TCATGGTACG GGTAAACAAA ATCATCCCAT TCCTCTGGTG ACCAGCGGA TCCTCTGGTG 1381 TCATGGTACG GGTAAACAAA ATCATCCCAT TCCTCTGGTG ACCATGGGGA TCCATTCCG 1381 TCATGGTACG GGTAAACAAA ATCATCCCAT TCATCCAGTG ACCATGAGGA TCCATCTGGT 1441 TAAATCGTGG TCTCAGCAAA TTGAACCACA GTATGTTAAC GAGTTAACAA CATTATCACG 1561 TATTCTTTCT CTGAACAAA TTGAACCACA GTATGTTAAC GAGTTAACAA CATTATCACG 1561 TATTCTTACT GTTAAGAGCA AATACGGTTC GACCCAGTAC GAACCAGGA 1561 TCAAGTTACC GTTAAGAGCA AATACGGTTC GACCCAGTAC GACCAGACAGA 1681 ACCCCAGTCAG GGCGGTCAGA TTCAGCATAG CATATATTAT CTGCAGTACA GACCAGGAT 1681 ACCCCAGTCAG GGCGGTCAGA TTCAGCATAG CATATCTTAT GTCTGGGATAG ATACCAGCT 1681 TCAAGTTTCC GCTTAACAGC AATACGGTC GAACCACAAG ACTACCAGGC 1741 TATTTTGCCT GCTTAACAGC AAGAGCGCAG CCAAGACTACA ACCACCATAG CTCACCAGGC 1741 TAATGCCTC GACCAGGTTG GGGTAACGAC CTTTACCGTC GACCAGATG CTCACCAGGC 1861 TCAAGTTTCC GACCAGGTTG GGGTAACGAC CTTTACCGTC TATCCGTC TTCCCAATAG 1861 TCAAGTTCC GACCAGGTTG GGGTAACGAC CTTTACCGTC TATCCGTC TATCCGTC GACCAGGTAGA CTCTCAGGCC 1861 TAATGCCCT GACCAGGTTA CTTATCCGTC GACCAGGTAAAACTC GGCTAAACCC GACAACCAGT ACCACGGC GAAAACGGC CAAGACTGC CAAGACCGC CAAAAACTC CAACACAGC CAAAACCC CAAAAACCC TAATATTAA CACCACAAGC CAAAAACCCAC CAAAAACCCC TAATATTAA CA	841	GGCAGAGGTT	AATCTGCAGA	GTGGTAATAA	CTTTGACGGT	AGTTCACTGG	A COPPORTING A
961 CTCCCGCTTT ACGGCAMATT TAGGTGCGG TAGGCGTTT TTCCTTCCTG CAAACATGTT 1021 GGGCCATAAC GTCTCATTG ATCAGGATTT TTCTGGTGAT AATACCCGTT TAGGTATTGG 1041 CTGGCAAAC TGGCGAGACT ATTTCAAAAG TAGCGTTAAC GCCTATATCC GCATCAACGCG 1141 CTGGCATGAG TCATACAATA AGAAAGACTA TGAGGAGGCG CCAGCATAGC GCCATTACC CGCCTTTAAT GGCTATACACTATA GGCTATACCACTATCC GGCATTAGGC GCCAACCTTG GATAATGTTG CTTTGTTTAA TGCTGATTAG GCTACACTAT TAGCTATTGGC GCATTAGGC GTATATAGGC GTATATAGACCAC TCCTCGATG ATCCTGGTG ACCTTGGTT ATCACCACA TCCACACAC TTACCCACT TACCCACT TCCACTCGA ATCCTGGTG ACCTTGATAGA ATCATCTCCT TTACTCAATG CAGTTAAGAA ACCACTTACACCA GTATGTTAAC CAGTTAAGAA ATCATCTCCT TTACTCAATG CAGTTAAGAA ATCATCTCCT TTACTCAATG CAGTTAAGAA ATTATCATCACAC ACCACTTAC CGCATGATAA ACCACACTAC GTATAGACACAC ACCACTACACAGA ACCACCACAC ACCACTACACACAC ACCACTACACACAC	901	ACCGTTCTAT	GATTCCGAAA	AAATGCTGGC	ATTTGGTCAG	GTCGGAGCGC	GTTACATTCA
1081 TGGCCAATAC TGCGGAGACT ATTTCAAAAG TAGCGTTAAA 1201 CCGTTTTAAT GGCTAACATA AGAAAGACTA TGCGTTAAAC GGCTAATTCC GCATGAGCGG 1141 CCGGTTTAAT GGCTAACATA AGAAAGACTA TGATGAGGGC CCAGGAAATG GCTTGCATTAC 1201 CCGTTTTAAT GGCTAACTA CGTCATATCC GGCATTAGGC GCCAAGCTGA TATATGAGCA 1201 GGCGACCGTT GGTTAAACT ATACTCCCAT TCCTCTGGTG ACGATGGGA TCGATTGGC 1321 GGCGACCGTT GGTTAAACT ATACTCCCAT TCCTCTGGTG ACGATGGGA TCGATTCGA 1321 TCATGGTACG GGTAATGAAA ATGATCTCCT TTACTCAATAG CAGTTAAGAGA ATCCATGGTC 1321 TCATGGTACG GGTAATGAAA ATGATCTCCT TTACTCAATAG CAGTTAAGAA ATCATCTCT 1321 TCATGGTACG GGTAATGAAA ATGATCTCCT TTACTCAATG CAGTTAAGAA ACGATGAGAA 1501 CAGCCGTTAC GGCTAATATA ATGATCCATT CGGATGACA AGAACAGGA 1501 TATTCTTCT CTGAATATTC CGCATGATAT TAATGGTACT GGCGCGATGA ATACTGGTTC 1621 TCAGTTGAT CTGAATATTC CGCATGATAT TAATGGTACT GTCTGGGATG ACTACCAGGA 1621 TCAGTTGATC GTTAAGAGCA AATACGGTCT GGACCCATA GAACACAGTA CGCAAGAGAT 1621 TCAGTTGAC GGCGCACAAA ATCAGGCTTA CGCAAGCCAA AGAACAGGA 1741 TATTTTGCCT GCTTATGTGC AAGGTGCAAG ACTACCAGGC 1741 TATTTTGCCT GCTTATGTGC AAGGTGCAAGACACAAACACACACACACACACACACACAC	961	CTCCCGCTTT	ACGGCAAATT	TAGGTGCGGG	TCAGCGTTTT	ההרכההכהכ	CANACATION
TGGCGAATAC TGGCGAGACT ATTICAAAAG TTAGCGTTAAC GGCTATTTCC GCATGAGCGG CCGGCTATTACA TCATCAACATA AGAAAGACTA TGATGAGCGC CCAGCAAATG GCTTCGATAT CCGCTTTAAT GGCTATCTAC CGTCATATCC GGCATTAGGCC GCCAAGCTGA ATTCTGAGCAC GTATTATGGT GATAATGTTG CTTTGTTTAA TTCTGATAAAG CTGCAGTCGA ATCCTGGTGC GTATTATGGT GATAATGTACA ATACTCCCAT TCCTCTGGTG ACCATGCGA ATCCTGGTGC TCAGTTACGG GGTAATGAAA ATCATCTCCT TTACTCCAATA ACGATGCGGA ATCCTGGTGC TAAATCGTGG GTTAAACAT ATCATCACACA GTATGTTAAC GAGTTAAGAA ATCATCTCT TTACTCAATAC GAGTTAGGAA ATCATCACACA TAAATCGTGG TCTCAGCAAA ATCAACACACA GTATGTTAAC GAGTTAAGAA CATTATCAGG AGCCGTTAC GATCTGGTTC AGCGATATA CAATATTATT CTGGATAACA CATTATCAGG TAAATCGTC GTTAAGACACA AATACGGTCT GGAACACAGTA CACACAGGAC GAACACAGTA CACACAGACACACACACACACACACACACACACACACA	1021	GGGCTATAAC	GTCTTCATTG	ATCAGGATTT	ТТСТССТСАТ	AATACCCCTT	MYCCMYMMCC
1201 CCGTTTTATAT GCTATCTAC CGTCATATCC GCATATGC GCTACAATG GCTTCGATAT 1201 CCGTTTTATAT GCTATCTAC CGTCATATCC GCATTAGGC GCACAGAGGCTGA TATATGAGCA 1201 GCGACGTT GATAATGTTG CTTTGTTTAA TTCTGATAAG CTGCAGTCGA ATCCTGGTGC 1321 GGCGACGTT GGTGAAACT ATACTCCGAT TCCTCTGGTG ACGATGGGA TCCATTACCG 1321 TCATGGTACG GGTAATGAAA ATGATCTCCT TTACTCAAAG CACTTCCGTT ATCAGTTTAC 1441 TAAATCCTGG TCTCAGCAAA ATGAACTCCT TTACTCAAAG CACTTCCGTT ATCAGTTTCA 1501 CAGCCGTTAC CACTCGGTC AGCGTAATAA CAATATTATT CTGGATACA CACTATACAGG 1501 CAGCCGTTAC CTGAATATC CGCATGATAT TAATGGTACT CACGAGACACAT 1621 TCAGTTCAGC GGCGGTCAGA ATCAGCGTC GAACCACAGA CACTACAGGA 1621 TCAGTTCAGC GGCGGTCAGA ATCAGCGTC GAACCACAGA AGCACACAGA ACGCCACAAG 1621 TCAGTTCAG GGCGGTCAGA ATCAGCGTC GGCAGACACAT 1741 TATTTTCCCT GCTATATGC CACACACTA ACACCTTATAT AAAGTCACCG CTCGCGCCTA 1801 TCACCTTAGT GGCAATAGCC CTAACAATGT ACACCTTATA TAATGCGTC GATAAGACCT ACACCTTACACACGC CATACCATTA CTTATACCGC GACAGCTAA AGCACACACG GATAACACCG GATACCATTA ACACCTTACACACCG ACCCTTAGGGG GATAAGACCT CGGCTAAACGC 1921 GAAACCACAG GCTAACACATTA CTTATACCGC GACGGTGAAA AAGAACTGC ACCCTTGAGGC CAATAACCGC CAGAACCGCA ACCCTTGAGGC CAATACCATTA ACACCGACACCGT ACCCTTAGGGG CAATACCATTA ACCGCACACACCGT ACCCTTAGAGCC CAGGACACCGC ACCCTTAGGGC CAATACCATTA ACCGCACACCGC CAGGACACCGC ACCCTTAGATTC ACCCACACACCGC CAGGACACCGC ACCCTTAGATTC ACCACACACCGC CAGGACACCGC ACCCTTAACACCC CAGGACACCGC ACCCTTAACACCC CAGGACACCGC ACCCTTAACACCC ACCCTTAACACCC CAGGACACCGC ACCCTTAACACCC ACCCTTAACACCC CAGGACACCC ACCCTTAACACCC ACCCTTAACACCC CAGGACACCC ACCCTTAACACCC CAGGACACCC ACCCTTAACACCC ACCCTTAACACCC ACCCTTAACACCC ACCCTTAACACCC ACCCCTTAACACCC ACCCCTTAACACCC ACCCCTTAACACCC ACCCCTTAACACCC ACCCCTTAACACCC ACCCCTTAACACCC ACCCCCACGACACACC ACCCCTTAACACCC ACCCCTTAACACCC ACCCCCACGACACCC ACCCCCACGACACCC ACCCCCACCACCACCCAC	1081	TGGCGAATAC	TGGCGAGACT	ATTTCAAAAG	TAGCGTTAAC	CCCTATTTCCCGTT	CCATCACCCC
1261 CCGTTTTAAT GGCTATATCC GGCATAGGC GCCAAGCTGA TATATGAGCA 1261 GTATTATGGT GATAATGTTG CTTTGTTTAA TTCTGATAAG CTGCAGTCCA ATCCTGGTGC 1321 GGCGACCGTT GGTGTAAACT ATACTCCGAT TCCTCTGGTG ACGATGGGGA TCCAATCACCA 1321 TCATGGTACG GGTAATGAAA ATCATCTCCT TTACTCAATG CAGTTCCGTT ACCAGTTCAGCAAA TCAAACCACA TCCTCAGTTAAC GAGTTAAGAA CAATATTATTC CTGCAGTTCA GAGCACAAA TCAAAACCACA GTATGTTAAC GAGTTAAGAA CAATATTATC 1561 TATTCTTCT CTGAATATC CGCATGATAT ACAATATTATT CTGGAGTACA AGAAGCAGAT 1621 TCAGTTCAC GTTAAGAGCA AATACGGTTT GGAACCACGT CGCAGAAGAA CAATACCAGGC 1561 TATTCTTCT CTGAATATC CGCATGATAT TAATGGTACT GAACACAGGTA CGCAGAAGAACAGGTA 1621 TCAGTTCAC GTTAAGAGCA AATACGGTT GGGATCGTAC AAGCACAGGTA CTCACCAGGC 1741 TATTTTCCCT GCTTATTGC AAGCACAAG CCAATACTACT TAATGGTACT AAGCTCAGGC 1741 TGACCCTAAT GGCAATAGCT CTAACAATGT ACAGCTTACT AAGCTCACGG CTCCGCCCTA 1861 TGACCCTAAT GGCAATAGCT CTAACAATGT ACAGCTTACT ATTACCGGT CTCAACAGCC 1861 TCAAGTTCCC GACCAGGTTG GGGTAACGGA CTTTACGGG GATAAGACCC 1861 TCAAGTTCCC GACCAGGTTG GGGTAACGGA CTTTACGGG GATAAGACCC 1861 TCAAGTTCCC GACCAGGTTG ACCACTATA ATATTCTCT ACGCCCTTA ACGCCTAAACGC 1861 TCAAGTTCCC GTTACATTAA ATATTCTTC AGCACATGA ACCTTTGAGGG TAACCACGT 1861 CCGTCGTGCT GCTAAAACCC CGCAGATCAC TTCAGCACTTA ACCTTCAGGC 1861 CCGTCGTTCCT TACTTCATTA ATATTCTGC CGCAGTTCAACGCA ACCTTTCAGGC CAAAACCCT TTCAGCACTTA ACCACTACGCA ACCTTCAGGCA ACCTTCAGGCA ACCTTCAGGCA ACCTTCAGGCA ACCTTCAGGCA ACCTTCAGTC CACCAGGTAC TTCAGCACTT AAACCACAC CCGCAGTACA ACCTTCAGGCA ACCTTCAGGCA ACCTTCAGTC AAACCACAC CCGCAGTACA ACCTCAGTTAA ACCACACAC CCGCAGTACA ACCTCAGTAC CCCCCGGTAAAACCT TTCAGCACTA AAACCACAC CCGCAGTACA ACCTCCAGTAC AACCACACAC CCCCCGGTAAAACC AAAACCTC TTCAGGAGAC ACCTCCAGTC AAACCACAC CCCCCGGTAAAACC ACCACGAGCA ACCTCCAGTC AAACCACAC CCCCCGGTAAAACC ACCACGACAC CCCCCGGTAAAACC ACCACGACGCA ACCTCCAGACAC CCCCCGGTAAAACC ACCACGACGCA ACCTCCAGACAC CCCCCGGTAAAACCC ACCACGACG TAATCAGACA ACCTCCAGACAC ACCCCCGG TA	1141	CTGGCATGAG	TCATACAATA	AGAAAGACTA	TGATGAGCGC	CCACCAAATC	COMMCCAMAM
1261 GGCGACCGTT GGTGTAAACT ATACTCCGAT TCCTCTGGTG ACGATGGGA TCGATTACCG 1381 TCATGGTACG GGTAATGAAA ATACTCCGAT TCCTCTGGTG ACGATGGGGA TCGATTACCG 1381 TCATGGTACG GGTAATGAAA ATACTCCGAT TCCTCTGGTG ACGATGGGGA TCGATTACCG 1501 CAGCCGTTAC GTCTACGCAAA ATCACTCCAT TTACTCAATC CAGTTACAA ACAACCACA GTATGTTAAC GAGTTACAA ACAACCACA GTATGTTACA GAGTTACAA ACAACCACA GTATGTTAAC GAGTTACAA ACAACCACA GTATGTTACC GACCCGTACTAC ACCACGATAT TAATGGTACT CTGGATACA ACAACCACA ACAACCACAT ACACCACATA CAATATTATT CTGGAGTACA ACAACCACATA ACACCACATA CAATATTATT CTGGAGTACA ACAACCACATA CAATATTACCGC GACCCACAA ACACCACATA CAATATTATT CTGGAGTACA ACAACCACATA ACACCACACA ACACCACACA ACACCACACA ACCACC	1201	CCGTTTTAAT	GGCTATCTAC	CGTCATATCC	GCCATTAGGC	GCCAACCTCA	MAMAMCA COA
1321 GGCGACCGTT GGTGTAAAACT ATACTCCCGAT TCCTCTGGTG ACGATGGGGA TCGATTACCG 1381 TCATGGTACG GGTAATGAAA ATGATCTCCT TTACTCAATG CAGTTCCGTT ATCAGTTTCA 1441 TAAATCGTGG TCTCACCAAA TTGAACCACA GTATGTAACAA CAGTTAAGAA CATATCAGG 1501 CAGCCGTTAC GATCTGGTTC AGCGTAATAA CAATATTATT CTGGAGTACA ACAGCAGGA 1561 TATTCTTTCT CTGAATATTC CGCAGTATAT TAATGGTACT GACACAGGA CCGAGACGAT 1621 TCAGTTGATC GTTAAGAGCA AATACGGTCT GGATCGTATC GTCTGGGATG ATAGGTCATT 1681 ACGCAGTCAG GGCGGTCAGA TTCAGCATTA CGGAAGCCAA AGCGCACCAGA ACTACCAGGC 1741 TATTTTGCCT GCTTATGTGC AAGGTGCAG CAATATTATT AAAGGTACGG CTCGCGCCTA 1801 TGACCGTAAT GGCAATAGCT CTAACAATGT ACACGTTACT ATTACCGTC CTCGCACTA 1801 TCAAGTTGTC GACCAGGTTG GGGTAACGGA CTTTACGGGC GATAAGACTT CGCCGAAAGCA 1921 GGATAACGCC GATACCATTA CTTATACCGC GACCGGTGAAA AAGAATGGG TGCTGAAAGC 1921 CAAAACGGAT GTTCAATTA ATATTGTTTC AGGAACTGC ACTCTTGGG CAAAAACGGT 1931 CGTCGTGTCT GCTAAAACCG CGGAGACCAA AAGAATGGG TAGCTCAGGC 1941 CAAAACGGAT GCTAACAGGTA AGGCAACCGT AACCTTGAGG CAAAAACGGT 1951 CGTCGTGTCT GCTAAAACCG CGGAGACCAA AGGAACTGC CAGGACAGGT 1951 CAAAACGGAT GCTAAAACCG CGGAGACCAA AACGATTGAG CAGGACAGGT 1951 CAAAACGGAT GCTAAAACCG CGGAGACCAA AACGATTACTGA ACCATGAGA TCGAGCTAC CAGGACAGGT 1951 TAATCAATCC GCTAAAACCG CGGAGACCAA AACGATTACTGA AACCATGAG CTGAGCACA GCCAGTAACA 1951 TAATCAATCC GCGAAAACCGT AACCATTGAG CAGGACAGGT CAGGACAGGT 1951 TAATCAATCC GTTAAATCTG CAGCAACACGT AAAACGCAT AACCACCAG GAAACACAC GAACAACAGGT TTCAGGCAT AACCACCAG GTTAAATTTG CAACAACACT TTCAGGCAT AACCACCAG GAAACACAC GGAAAATAC CAACAACAGCT TTCAGGCAT AACCACCAG AGGCCACTTAAACCGC ACCACCACG ACCACCACTAAACCAC ACCACCACG ACCACCACG ACCACCACG ACCACCACG ACCACCACAC ACCACCACG ACCACCACAC ACCACCACG ACCACCACAC ACCACCACG ACCACCACACACA	1261	GTATTATGGT	GATAATGTTG	CTTTGTTTAA	TTCTCATAAC	CTCCACTCCA	AMCCMCCMCC
1381 TCATGGTACG GGTAATGAAA ATGATCTCCT TTACTCAATG CAGTTCCGTT ATCAGTTTGA 1441 TAAATCGTGG TCTCAGCAAA TTGAACCACA GTATGTTAAC GAGTTAAGA CATTATCAGG 1501 CAGCCGTTAC GATCTGGTTC AGCGTAATAA CAATATTATT CTGGAGTACA AGAAGCAGA 1561 TATTCTTCT CTGAATATTC CGCATGATAT TAATGGTACT GAACACAGTA CGCAGAACAT 1621 TCAGTTGATC GTTAAGAGCA AATACGGTCT GGATCGTATC GTCTGGGATG ATAGTGCATT 1681 ACGCAGTCAG GGCGGTCAGA TTCAGCATAG CGAATACCATA CGCAGACAGA ACTACCAGGC 1741 TATTTTGCCT GCTTATGTGC AAGGTGGCAG CAATATTATT AAAGTGACCG CTCGCGCCTA 1801 TGACCGTAAT GGCAATAGCT CTAACAATGT ACAGCTTACT ATTACCGTC TGTCGAATAGC 1861 TCAAGTTGC GACCAGGTG GGGTAACGGA CTTTACCGGC GATAAGACT CGCGCACAAG 1861 TCAAGTTGC GACCAGGTG GGGTAACCGT ACAGCTTACA ATTACCGTC TGTCGAATGG 1861 TCAAGTTGC GACCAGGTG GGGTAACCGA CTTTACCGGC GATAAGACTT CGGCTAAAGC 1921 GGATAACGCC GATACCATTA CTTATCCGC GACGGTGAAA AACAATGGGG TAGCTCAGGC 1861 TAATGTCCCT GTTCATTTA ATATTGTTC AGAACTGCA ACTCTTGGGG CAAATACTGC 1861 TAATGTCCCT GCTAAAACCG CGGAGATGAC TTCAGCAAA ACCTTTGGGG CAAATACTGC 1861 TTTTGATCAA ACCAAGGCCA GCCATTACCAAA ACCTTTGGGG CAAATACTGC 1861 TTTTGATCAA ACCAAGGCCA GCCATTACCAAA ACCTTCAGGC CAGGACAGGT 1861 TTTTGATCAA ACCAAGAGCT CGCAGTACCA ACCTTCAGGC CAGGACAGGT 1861 TTTTGATCAA ACCAAGACCT AAACAAACTT TGAGAATATA TTGGCAGTAC CTGAAACCGC AGCCATTACTAA AAAAATTACTA AAATAACTGT AAAAACTTA TGAGAAACTA ACCGCAAGGC CAGCAAGAACTT TGAGAACTAC AACGGAAACTT TGAGAACTA ACCACAAGCT AACCGAAGCT CTCAAACCGA 1861 TAATGACACAC TCAGTGAACTT TCAGCACTTA AACACAACTT TGAGAACTAA ACCGCAAGGT CTCAAACCGA 1861 TTTTGATCAA ACCAAGACTT TGAGAATATA CTCAAAACCGA ACCACAGGT CTCAAACACAC TCAGAGAACT TCAGGCAAAATTT TCAGCACTTT AATGCCACT TAATATATT CGGCGCGTAAA 1861 ACCACACTG AATATTTGC TCAGAAAATTA CACCACACGC ACCTTTAAAACAC ACACAAACTT TCAGGAGAAATAC CACACAACTT TAATTATACCC CTCAAAAACC ACACAACACT TTAATTATAT TCAGGAGAAACT TCAGGGAAAATAC CACACAACT TAATTATACACC CACCACCGC ACCTTATAAA ACCACACCGC ACCTTATAAA ACCACACCGC ATTATAAAAAC ACACACACG TATTGCCAATTA ATTACCACC ACCACACG TATTGCAAAACC ACACACACG TATTGCAAAACC ACCACACGC TATTGCAAAACA CACACACCC TCCAAAAAAC ACCACACCC TATTGCAAAAC ACCACACCG TATTGCAAAAC CACACACCC TTCAAA	1321	GGCGACCGTT	GGTGTAAACT	ATACTCCGAT	יירכייכייכבייכ	ACCAMCCCCA	MCCAMMA COC
TAMATCETEG CATCTEGETTC AGCGTAATAA CAATATTATC CTGAGATACA AGAAGCAGGA TATTCTTTCT CTGAATATTC CGCATGATAA CAATATTATT CTGAGGTACA AGAAGCAGGA TATTCTTTCT CTGAATATTC CGCATGATAA TAATGGTACT GAACACAGTA CGCAGAAGAT 1621 TCAGTTGATC GTTAAGAGCA AATACGGTCT GGATCGTATC GTCTGGGATG ATAGTGCATT 1681 ACGCAGTCAG GGCGGTCAGA TTCAGCATAG CGGAAGCCAA AGCGCACAAG ACTACCAGGC 1741 TATTTTGCCT GCTTATGTCC AAGGTGGCAG CAATATTTAT AAAGTGACCG CTCGCGCCTA 1801 TGACCGTAAT GGCAATAGCT CTAACAATCT ACAGCTTACT ATTACCGGTC GATACCAGGC 1861 TCAAGTTGTC GACCAGGTTG GGGTAACGGA CTTTACGGCG GATAAGACTC CGGCATAAGC 1921 GGATAACCCC GATACCATTA CTTATACCGC GACGGTGAAA AAGAATGGGG TAGCTCAGGC 1981 TAATGTCCCT GTTTCATTTA ATATTGTTT AAGGTACAGC CAAGATAGTC 2041 CAAAACGGAT GCTAACAGGT AGGCAACCGT AACGTTACAG TCGAGTAGG 2041 CAAAACGGAT GCTAACAGGA AGGCAACCGT AACGTTCAGGC CAAAATAGTGC 2041 CGTCGTGTCT GCTAACAGCC CGGAGATCAC TTCAGCACTT AATGCCACTG CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGAGATCAC TTCAGCACTT AATGCCACTG CGGTTATATT 2161 TTTTGATCAA ACCAAGGCCA GCATTACTGA GATTAAGGCT GATAAGACAA CTGCAGTAGC 2221 AAATGGTAAG GATGCTATTA AATATCTTT TAGAGCACT AAATGCCAGTG CGGTTATATT 2161 TAATCAATCC GTTACATTC CAACAACTT TGGGATTATG AAAACCGAC CGGAAATGATC 2221 AAATGGTAAG GATGCTATTA AATATCTTT TAGAGCACTT AAAACCGAC CTCAACACCT 2341 AGCAACCACG GAAATGATG GTCGTGCAC GATAACACTA ACTCTCAGTT CCGCCGGTAA 2401 AGCAACCACG GGAAATGATG GTCGTGCAC GATAACACTA ACTCTCAGTT CCGCCGGTAA 2401 AGCAACCACG GGAAATGATG GTCGTGCAC GATAATGTG CCGCCGGTAA 2401 AGCAACCACG GAAAATTA CTAGGTATTG CAGAAAATTA CTGCAATATGG CAGAAAATTA CTAGAGACAA CTGAAAATTA CAGACAACAC AACGTTAAAACCAA CTGCAACACAC AACGTTACAACCAA ACGTTTAAAAACAA CAAAAATTA CAGACAAAATTA CAGACAAAATTA CAGACAAAATTA CAGACAAAATAA CAAAAATATA CAAAAAATATA CAAACAAA	1381	TCATGGTACG	GGTAATGAAA	ATGATCTCCT	ጥጥልርጥርልልጥር	CACTTGGGGA	AMONOMMON
1501 CAGCCGTTAC GATCTGGTTC AGCGTAATAA CAATATTATT CTGGAGTACA AGAAGCAGGA 1561 TATTCTTTCT CTGAATATTC CGCATGATAT TAATGGTACT GAACACAGTA CGCAGAAGAT 1621 TCAGTTGAC GTTAAGAGCA AATACGGTCT GGATCGCACTAG GAACACAGATA CGCAGAAGAT 1681 ACGCAGTCAG GGCGGTCAGA TTCAGCATAG CGGAAGCCCAA AGCGCACAAG ACTACCAGGC 1741 TATTTTGCCT GCTTATGTCC AAGGTGGCAG CAATATTTAT AAAGTGACGG CTCGCGCCTA 1801 TGACCTTAAT GGCAATAGCT CTAACAATCT ACAGCTTACT ATTACCGTTC TGTCGAATGG 1861 TCAAGTTGTC GACCAGGTTG GGGTAACGGA CTTTACCGGC GATAACACTT CTAACAATCT ACAGCTTACT ATTACCGTT TGTCGAATGG 1861 TCAAGTTGTC GACCAGGTTG CGGTAACGGA CTTTACCGGC GATAACACTT CGGCTAAAGC 1861 TCAAGTTGTC GACCAGGTTA ATATTCTCT ACAGCATTA ACAGATGGG CAACAAGGT TAGCTCAGGC 1861 TAATGTCCCT GTTCATTTA ATATTGTTC AGGAACTGC ACCTCTTGGGG CAAAATGGGC 1881 TAATGTCCCT GTTCATTTA ATATTGTTC AGGAACTGC ACCTCTTGGGG CAAAATGGGC 1881 TAATGACCAC GCTAACAGCT AAGCACCGT AACGTTGAGG CAAAAACGGT CGGCTAAAGC 1881 CGTCGTGCTT GCTAAAACCG CGGAGATCAC TCCAGCACTT AATGCCACT AAAGCCACTG CAAAAACCGT CGGTTAATT 1881 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATTTA AAAAACAGGT CAACAACACA CTGCAGTAGC 1881 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATCTC AAAAACCGTC CGGCTTAAC 1881 AGCGACTGTT AATATTTGC TCAGCACAGT TAGAAAACACA ACTTCCAGTT CCGCCGGTAA 1881 AACTGCTAAC CAACAAACTT TGAAAATACAA CCGACACACGT AATGCCAACGT AATGCCAACGT AATATTAACACAACAC	1441	TAAATCGTGG	TCTCAGCAAA	TTGAACCACA	CHATCHTAIC	CACTORALCA	ATCAGTTIGA :
TATTCTTTCT CTGAATATTC CGCATGATAT TAATGGTACT GAACACAGTA CGCAGAAGAT TCAGTTGATC GTTAAGAGCA AATACGGTCT GGATCGTATC GTCTGGGATG ATAGTCCATT ACGCAGTCAG GGCGGTCAGA TTCAGCATAG CGGAAGACCAA ACTACCAGGC TAATTTTGCCT GCTTATGTGC AAGGTGCAG CAATATTTAT AAAGTGACGG CTCGCGCCTA ACGCCGTAAT GGCAATAGCT CTAACAATGT ACAGCTTACT ATTACCGTTC TGTCGAATGG GGATAACGCC GATACCATTA CTTATACCGC GACGGTGAA AAGAATGGGG TAGCTCAGGC GGATAACGCC GATACCATTA CTTATACCGC GACGGTGAA AAGAATGGGG TAGCTCAGGC AAAATGTCCCT GTTTCATTA ATATTGTTC AGGAACTGCA ACTCTTGGGG CAAATAAGTG CAAAACGGAT GCTAACAGGT AAGGCAACCGT AACGTTGAAG TCGAGGTACGC CAGGACAGGT CAAAACGGAT GCTAACACCG CGGAGATCAC TTCAGCACTT AATGCCAGTG CAAATAGTGC CAAAACGGAT GCTAACACCG CGGAGATCAC TTCAGCACTT AATGCCAGTG CGGTTAATT TTTTGATCAA ACCAAGGCCA GCATTACTGA GATTACAGCC GAAATAGTGC AAAATGGTAAG GATGCTATTA AATATACTGT AAAAGTTATG AAAAACCGTC AGCCAGTTAA AACCACCACG GGAAATGATG GCCACACAGACTG AACGGTAAGC CACCAGACAGGT AACCACCACG GGAAATGATG GTCGTGCGAC GATAACACTT AAAACCGCA GCCAGTTAA AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTTAA AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTTAA AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTAA AACCACCACG GGAAAATTG ACACACAGCG TAAACACTA ACTCCAGTC CCGCCGGTAA AGCACCACTT AATATTTGGC TCAGTGATG TCAGTTATAA ACCACCACG ACTCTCAGTC CACCAGACGG ACTGCACTT AATACGCAACCC AACACAACGC ACCACTAGACGA ACCACTTTAAACCCA ACCACTTTGAAACCAC ACCACTTTGAAACCAC ACCACTTTGAAACCA ACCACTTTGAAACCAC ACCACTTTGAAACCAC ACCACTTGAGAACCAC ACCACTAGACCG ACCACTAGACCG ACCACTAGACCAC ACCACTAGACCAC ACCACTAGACCAC ACCACTACTAAACCACTA ACCACCACGACG TATACCACTA ACCACCACGACG TATACCACTA ACCACAACAC ACCACTAGACCAC ACCACTAGACCAC ACCACTACACACAC ACCACTACACACACACCACACACA	1501	CAGCCGTTAC	GATCTGGTTC	ACCCTAATAA	CAATATITATE.	COCCACONACA	CATTATCAGG
TCAGTTGATC GTTAAGAGCA AATACGGTCT GGATCGTATC GTCTGGGATG ATAGTGCATT ACGCAGTCAG GGCGGTCAGA TTCAGCATAG CGGAAGCCAA AGCGCACAAG ACTACCAGGC TATTTTTGCCT GCTTAATGCC CAACATTTAT AAAGTGACG CTCGCGCCTA AGGTGGCAT TCAGCATAG CAACATTTAT AAAGTGACG CTCGCGCCTA TGACCGTAAT GGCAATAGCT CTAACAATCT ACAGCTTACT ATTACCGTC TGTCGAATGG GGATAACGCC GATACCATTA CTTATACCGC GACGGTGAAA AAGAATGGGG TAGCTCAGGC TAATGTCCCT GTTTCATTTA ATATTGTTC AGGAACTGA ACTCTTGGGG CAAATAGTGC CGTCGTGCTTA ATATTGTTC AGGAACTGA ACTCTTGGGG CAAATAGTGC CAAAACGGAT GCTAACAGGT AAGCACCGT AACGTTGAAG TCCAGGACAGGT CGTCGTGTCT GCTAAAACCG CGGAGATCAC TTCAGCACTT AATGCCAGTG CAGAACAGGT CCGTCGTGTCT GCTAAAACCG CGGAGATCAC TTCAGCACTT AATGCCAGTG CAGAACAGGT CCGTCGTGTCT GCTAAAACCG CGGAGATCAC TTCAGCACTT AATGCCAGTG CGGTTATATT CCGTCGTGTCT GCTAAAACCG CGGAGATCAC TTCAGCACTT AATGCCAGTG CGGTTATATT CAAAACGGAT GCTAACACTC CAACAAACTT TGGGATGTC AAAACACAA CTGCAGTAGC AAATGGTAAG CGAAAATGATG GCACACAGACCG GATAACACTA AACGCAACACCG GAAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTTAA AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTAA AGCACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTAA AGCACCACG GAAAATGATG GTCGTGCGAC GATAACACTA ACTCCAGTT CCGCCGGTAA AGCACCACG GAAAATGATG GTCGTGCAC GATAACACTA ACTCCAGTT CCGCCGGTAA AGCACCACG AATATTTGGC TCAGTGATG CCAGCACGG ACTGTCGATG CAACACACT CAGAAAATAC CAACAAACT TGCAAAATAC CAGAACAGC ACTGTCGATG CAACACACC ACACAGACCG ACTGTCGATG AGTAACTTT AATGGTAAAAC CAACAAACT TATAGTTCAA ACTGCAAAAC AACTACCTTG AATGGTAAAAAC CACCGTCGTA TATAACACAC ACACTGGGGAA ACTCCGGGGAAAATTA ACTCCAATTA ACTCCAAAAC CACCGCTCGT AATTAAAACC ACACAGACCG TATATAAACC ACACAGACCG TATATAAACC ACACAGACCG TATATAAACC ACACAGACCG TATATAAACC ACACAGACCG TATATAAACC ACACAGACCG TATATAAACC CACCACGGCTTCT GGAGGTATCAA GCACTTATAA ACTACCTTGGA ATTAAAACACA CACCCCGG TAAAATAT ATTAGCTCAA TATAGTTCAA ACCCCCCGG TAAAATAT ATTAGCTACA TATAGTTCAA ACCCCCCGG CAAAAATTT ACTCCAAAAT ACTCCAAAAT TATTGTTTAACCATC ACACACACGG TATATAAACCAA CACACACCCCCG CTAAAATAT TATTGTTTAA CTCACATATAACAAC TAAAACCCTC TAAAATATG TATTGTTTAA CTCACAATT TATTGTTTAACCATC TATAGCTAAT ACTCC		TATTCTTCT	CTGAATATTC	СССУДСУДУ	TA ATTCCTA CT	CIGGUGIACA	AGAAGCAGGA
ACGCAGTCAG GGCGGTCAGA TTCAGCATAG CGGAAGCCAA AGCGCACAAG ACTACCAGGC TATTTTGCCT GCTTATGTGC AAGGTTGCAG CAATATTTAT AAAGTGACGG CTCGCGCCTA AAGGTTGCAGTAT GGCAATAGCT CTAACAATGT ACAGCTTACT ATTACCGTTC TGTCGAATGG 1861 TCAAGTTGTC GACCAGGTTG GGGTAACGGA ACAGCTTACT ATTACCGTTC TGTCGAATGG 1921 GGATAACGCC GATACCATTA ATATTGTTTC AGGACTGCG GATAAGACTT CGGCTAAAGC 1981 TAATGTCCCT GTTTCATTTA ATATTGTTTC AGGACTGCA ACTCTTGGGG CAAATAGTGC 2041 CAAAACGGAT GCTAACACGTA AGGCAACCGT AACGTTGAGG TCGAGTACGC CAAAAACGGCC 2101 CGTCGTGTCT GCTAAAACCG CGGAGATGAC TTCAGCACTT AATGCCAGTG CGGTTATATT 2161 TTTTGATCAA ACCAAGGCCA ACCATTACTGA GATTAAGGCA CTGCAGTAGC 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAACTTA TAGGATATG AAAAACCGAC GGCAATACTGA AATATACTGT AAAAACCGAC GGCAAAAACTT TGGGAGTACT AACGGTAAGC TCCAACGCA 2341 AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACCGGTAAGT CTCAAACGCA 2401 AGCGACTGTT AGTGCGACAG TCAGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA 2401 AGCGACTGTT AGTGCGACAG TCAGTGAGG GGCTGAGGTT AAAACCGAC CTCAAACGCA 2401 AGCGACTGTT AGTGCGACAG TCAGTGATG GGCTGAGGTT AAACGGACTG ACCACAGCCT 2521 GATGTTGCT AATATTTGG TCAGTATTG CAGCAAAATTT GGCTAACAATG TCAAAAGGAC CAGCACTTT AAAACACATA TCATGGTAATT TCATGGTATT CAGCAAAAATT CAGCAAAAATTT TCATGGTATT AATATTTGG CAGAAAAATAC CAGCAAAAATTT ATTACCATCC ACCACTGGT AATAACACAAC ACCCGTCGTA AATAAAAAG CACCCGTCGTA TATGATAAAAA CTGCAAAAAACCAAC CACCCTCGTA TATGATAAAAA CTGCAAAAACCAAC ACCCGTCGTA TATGATAAAAA CTACAAAACCAAC CACCCTCGTA TATGATAAAAA CTACAAAACCAT TCATGGGGGA AACCCTC TATAAAAAAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2821 TATTTATGAC TCATGGGGG CTGCAAAAAATTT ATTACCATCC ACACAGACCG TATTGTCAAA 2821 TATTTATGAC TCATGGGGG CTGCAAAAAATTT ATTACCATCC ACACAGACCG TATTGTCAAA 2821 TATTTATGAC TCATGGGGG CTGCAAAAAATTT ATTACCATCC ACACAGACCG TATTGTCAAA 2821 TATTTATAGAC TCATGGGGG CTGCAAAAAATTT ATTACCATCC ACACAGACCG TATTGTCAAA 2821 TATTTATAGAC TCATGGGGG CTGCAAAAAATTT ATTACCATCC ACACAGACCG TATTGTCAAA 2821 TATTTATAGAC TCATGGGGG CTGCAAAAAATTT ATTACCATCC ACACAGACCG TATTGTCAAACA CACCCTCTTAAAAACA TAATTGTTTTA TCCCAAACCTT TAATGTTATA ACTCCAAAATT TCATAGCGGT 3001 TTGTGTAGAA TAATTCCATA ACC		TCAGTTGATC	GTTAAGAGCA	AATACCCTCT	CCAMCCAMA	CTCTCCCATA	CGCAGAAGAT
TATTTTGCCT GCTTATGTC AAGGTGGCAG CAATATTTAT AAAGTGACGG CTCGCGCCTA 1801 TGACCGTAAT GGCAATAGCT CTAACCAATGT ACAGCTTACT ATTACCGTC TGTCGAATGG 1861 TCAAGTTGTC GACCAGGTTG GGGTAACGGA CTTTACCGC GATAAGACTT CGGCTAAGC 1921 GGATAACGCC GATACCATTA CTTATACCGC GACGGTGAAA AAGAATGGGG TAGCTCAGGC 1981 TAATGTCCCT GTTTCATTTA ATATTGTTC AGGAACTGCA ACTCTTGGGG CAAAAAGTGC 2041 CAAAACGGAT GCTAACAGCCA GCATACCGT AACGTTGAAG TCGAGTACGC CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGAGATGAC TTCAGCACTT AATGCCAGTG CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGAGATGAC TTCAGCACTT AATGCCAGTG CGGTTATATT 2101 TTTTGATCAA ACCAAGGCCA GCATTACTCA GATTAAGGCT GATAAGACAA CTGCAGTAGC 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAAGTGTC CAGCAGTAAC 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAAGTGTC CAGCAGTAAC 2341 AGCAACCACG GGAAATGATG CTCAGCACACTA ACTTCCAGGTC CCGCCGGTAA 2401 AGCGACTGTT AGTGCGACG TCAGTGAGG GCCTGAGGTT AAAGCGACTG ACTGCAGTAAC 2401 AGCGACTGTT ACGTGATAG GCCAGTATATG GGCTAACACTA ACTTCCAGGTC CCGCCGGTAA 2401 AGCGACTGTT ACGTGATAG GCCAGTGAGG TCAGGTAACACTA ACTTCCAGGT CCGCCGGTAA 2401 AGCGACTGTT ACGTGATAG GCCTGAATATG TCAAAACCTA ACTTCCAGGT CCGCCGGTAA 2401 AGCGACTGTT ACGTGATT CCAGAAATAC CAGCTATTAAACGCA CTGAAAACATG TCAAACACTA ACTTCCAGGT AATGTTGCAAACCTA ACTTCCAGGT AATGTTGCAAACCTA ACTTCCAGGT CAGCACTTT 2521 GATGTTGCCT AATGTTAAAC CACACAAGGT TCAGTTAAAAC CAGCATTTAAACCA ACTTCCAGGGAA 2531 TGGTACATAT TCATGGTAATA GCACCTCCTA TATGATAAAA GTGGAAAACCA ACATCTGGTG ATAAGCAAAC 2641 AGTCACTTTG AATGGTAAAA GCACCTCCTATTAAAAAA ACATCCACCAG CATCTGGTG ATAAGCAAAC 2701 AGTAAGTTAC ACTATAAAAG CACCCTCCTA TATGATAAAA GTGGAATAAC AACTCTGAGAAC 2701 AGTAAGTAC ACTATAAAAAG CACCCTCCTA TATGATAAAA ACACCACCAG CAGAAATAA 2761 TGCTGATGCT TATGTCAAAAAAATTT ATTACCATCC ACACAGACCG TATTGCCAA 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2821 TATTTATAGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TCAAACCCTC 2701 AATATATCAAA CAACCCTC TTCCTGGGT TATAGTATAA ACTCCAAATG TCTATTTATAA 2821 TATTTATGAA CAACCCTC TTCCTGGGT TATAGTATAA CTACTACTAG TCACTA		ACGCAGTCAG	GGCGGTCAGA	TTCACCATAC	CCCAACCCAA	ACCCOROLLO	ATAGTGCATT
TGACCGTAAT GGCAATAGCT CTAACAATGT ACAGCTTACT ATTACCGTTC TGTCGAATGG 1861 TCAAGTTGTC GACCAGGTTG GGGTAACGGA CTTTACGGCG GATAAGACTT CGGCTAAAGC 1921 GGATAACGCC GATACCATTA CTTATACCGC GACGGTGAAA AAGAATGGGG TAGCTCAGGC 1981 TAATGTCCCT GTTCATTTA ATTATCTTC AGGAACTGCA ACTCTTGGGG CAAATAGTGC 2041 CAAAACGGAT GCTAACGGTA AGGCAACCGT AACGTTGAAG TCGAGTACGC CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGACATCAC TTCAGCACTT AATGCCAGTG CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGACATCAC TTCAGCACTT AATGCCAGTG CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGACATCAC TTCAGCACTT AATGCCAGTG CAGGACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGACATCAC TTCAGCACTT AATGCCAGTG CAGGACAGGT 2101 CGTCGTAAA ACCAAGGCCA GCATTACTGA GATTAAGGCT GATAAGACAA CTGCCAGTAGC 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAACTTATG AAAAACGGTC AGCCAGTTAA 2281 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATGTTC AACGGTAAGCAA 2341 AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA 2401 AGCAACACG ACTGCGAAAATG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC 2521 GATGTTGCCT AATATTGGC TGCAAAAATAC CAGTATATAT GGTAACAATG TCAAGAGGTC 2521 GATGTTGCCT AATATTGGC TGCAAAAATAC CAGTATCGCG ACTGTCGAAC CATCAGGGAA 2531 TGGTACATAT TCATGGTAAT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG CACCGTCGTA TATGATAAAA GCGGTGGTGA 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA 2761 TGCTGATGCT ATGCCGTTA TATGATAAAAA GTGGATAAGC AAGCCTATTA 2761 TGCTGATGCT ATGCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2761 TGCTGATGCT ATTAAACAGA CACCGTCGTA TATAGTTCTA TAGACCAACC 2761 TATTATGAC TCATGGGGG CTGCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC TCATGGGGG CTGCAAAAATAT ATTACCATCC ACACAGACGG TATTGCCGT 2821 TATTATAGAC ACACACCCCG CTGCAAAAATAA ATATAGCCAT TATAGTTCTA TGAACCCAATC 2821 TATTTATAGAC TCATGGGGG CTGCAAAAATAA ATATAGCCAT TATAGTTCTA GCACTTATAA 2821 TATTTATAGAC TCATGGGGG CTGCAAAAATAT ATTAGCTATA ACTCCAAATG TCTTATAACAGA AAACCCTC TTCCTGGGGT TAATGTTTAA ACTCCAAATG TCTTTTATAC 3001 TTGTGTAGAA TAATTCCATA ACCACCCGG TAAAAATATG TAATTGTTTA CTTATAGCGGTT		ածսասանները 119000101010	COTTATICTIC	AACCTCCCAC	CARMADOCUM	AGCGCACAAG	ACTACCAGGC
TCAAGTTGTC GACCAGGTTG GGGTAACGGA CTTTACGGCG GATAAGACTT CGGCTAAAGC 1921 GGATAACGCC GATACCATTA CTTATACCGC GACGGTGAAA AAGAATGGGG TAGCTCAGGC 1981 TAATGTCCCT GTTTCATTTA ATATTGTTTC AGAACTGCA ACTCTTGGGG CAAATAGTGC 2041 CGACAGACGCA GCTAACAGCCA AGCGACACTC ACCGTTGAGG CAGAACAGGT 2101 CGTCGTGTCT GCTAAAACCG CGGAGATGAC TTCAGCACTT AATGCCAGTG CAGGACAGGT 2161 TTTTGATCAA ACCAAGGCCA GCATTACTGA GATTAAGGCT AATGCCAGTG CGGTTATATT 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAGTTATG AAAAACAGC AGCCAGTTAAA 2281 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATGTC AACCGTAAGCCA 2341 AGCAACCACG GGAAATGATG GTCGTCGAC GATAACACCTA ACCGCAGTTAA 2401 AGCAACCACG GGAAATGATG TCAGTGATGG GGCTGAGGTT AAAGCGACA CTGCAGGTAA 2401 AGCGACTGTT ACTGCACAG TCAGTGATGG GGCTGAGGTT AAAAGCGAC ACGCCGGTAA 2521 GATGTTGCCT AATATTTGGC CAGAAAATC TCAGTATACG ACTGCAGTGAACAC 2521 GATGTTGCCT AATATTTGGC CAGAAAATAC CAGTATCAGG ACTGTCGATG CATCAGGGAA 2641 AGTCACTTG AATAGTTGCC CAGAAAATAC CAGTATCAGC ACCTCTGTG ATAAGCAAAC 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAAA GTGGATAAGCAA CCACCGTGTAA 2761 TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACG TATTGTCAGA 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT TATAGTTCTA TCTATGCGGT TATAGTCTATATAC TCTATACTAC TCTATACTAC TCTATTTTA GTCGGGT		TGACCGTAAT	CCCAATACCT	CLY Y CY Y LCM	ACACOMINAM	AAAGTGACGG	CI'CGCGCCTA
GATAACGCC GATACCATTA CTTATACCGC GACGGTGAAA AAGAATGGGG TAGCTCAGGC 1981 TAATGTCCCT GTTTCATTTA ATATTGTTC AGGAACTGCA ACTCTTGGGG CAAATAGTGC 2041 CAAAACGGAT GCTAACACGT AGGCAACCGT AACGTTGAAG 2101 CGTCGTGTCT GCTAAAACCC CGGAGATGAC TCCAGCACTT AATGCCAGTC 2161 TTTTGATCAA ACCAAGGCCA GCATTACTGA GATTAAGGCT GATAAGACAA CTGCAGTAGC 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAACTTA AAAAACGGTC AGCCAGTTAAT 2281 TAATCAATCC GTTACATTCT CAACAAACTT AGGGATGTC AAAAACGGCA 2341 AGCAACCACG GGAAATGATG GTCGTGCGAC TCAGTGAGGTT AGGGACAGT ACTCCAGTT CCGCCGGTAA 2401 AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACT ACTCCAGTT CCGCCGGTAA 2461 TTTTGATGAA CTGAAAATTG ACAACAAGGT TGATATTATT GGTAACCATA CTGAAAGCAA GCCGTGGTGA 2521 GATGTTGCCT AATATTTGGC TGCAATATGG TCAGTAGACCA ACTGCGATG CATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG GCAGTGTCGT TCAGTAGACCA ACTGCGATG CATCAGGGAA 2761 TGCTGATGCT ACTGTAAAACG CACCGTCGTA TATGATAAAAA GTGGAAAACC 2761 TGCTGATGCT ATGTCCATTA ACCGCTCGTA TATGATAAAAA GTGGAAAACC 2761 TGCTGATGCT TCTTAAACAGA CATCTAGTGA GCAGCTTCTATAAACCATC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC TCATGGGGG CATCTAGTGA ATTACCATC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC CAACACCCCG CTAAAAATAT ATTACCATC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC CAACACCCCG CTAAAAATAT TATAGCTAT TGAACCCAAT 2821 TATTTATGAC CAACACCCCC CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACCCAAT 2821 TATTTATGAC CAACACCCTC TTCCTGGGGT TATTGTTTA GCACCTCAAT 2821 TATTTATGAC CAACACCCCC CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACCCAAT 2821 TATTTATGAC CAACACCCCC CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACCCAATC 2821 TATTTATGAC CAACACCCCCG CTAAAAATATG TATTGTTTTA GCCGGGCAT 3001 TTGTGTAGAA TAATTCCATA ACCCCCCG CTAAAAATATG TATTGTTTTA GCCGGGCAT 3001 TTGTGTAGAA TAATTCCATA ACCCCCCG CTAAAAATATG TATTGTTTTA GCCGGGCAT 3001 AATTATTCT TCTTAAGAAA TAACCCTCTT TATAATCAAAT CTACTACCC TCCTTTTTAACCATCC TCTCTTTTTAACCATCC TCTCTTTTTAACCATCC TCTCTTTTTTAACCATCC TCTCTTTTTTAACCATCC TCTCTTTTTTAACCATCC TCTCTTTTTTAACCATCC TCTCTTTTTTAACCATCC TCTCTTTTTTTAACCATCC TCTCTTTTTTTAACCATCC TCTCTTTTTTTAACCATCC TCTCTTTTTTTAACCATCC TCTCTTTTTTTAACCATCC TCTCTTTTTT		ጥሮል እርጥጥርጥሮ	GACCACCTTC	CCCMXXCCCX	ACAGCITACT	ATTACCGTTC	TGTCGAATGG
TAATGTCCT GTTTCATTA ATATTGTTC AGGAACTGCA ACTCTTGGGG CAAATAGTGC CAAAACGGAT GCTAACGGTA AGGCAACCGT AACGTTGAAG TCGAGTACGC CAGGACAGGT CGTCGTGTCT GCTAAAACCG CGGAGATGAC TTCAGCACTT AATGCCAGTG CGGTTATATT AATGCAACA ACCAAGGCCA GCATTACTGA GATTAAGGCT GATAAGACAA CTGCAGTAGC AAATAGTGC AAAAACGGTC AACGATAGC AAAAACGGTC AACAAACTT TGGGATGTTC AACAGACAA CTCCAGTAAC CTCAAACGCA ACCACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA ACCACCACG GGAAAATTG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC AACACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC AACACAATG TCAAGAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGAAAACC ACCGTCGTA AATGGTAAAA GCACGTCGTA TATGGTATAC ACTATAAAAG CACCGTCGTA TATGATAAAAA GTGGATAAGC AAGCCTATTA ATGCATCC ACCAGAACG TATTGTCAGA AAGCCTATTA ATTACCATC ACCACGACGG TATTGTCAAAT ATTACCATC ACCACGACGG TATTGTCAAAT AACCCACACA CCGTCGTA TATAGCCAAT TATAGTTCTA TGAAACCAAAC CACCGTCGTA TATAGCCATC ACCACGACGG TATTGTCAAA AACCCACACACAC CACCAGACG TATTGTCAAAT AACCGCTCTTAAAACA CAAAAACCCTC TCGCAAATAA ATATAGCCAT TATAGTTCTA TGAACCCAAT TATAGTTCTA GCAATATAA ATTACCATC GGAGTATCAA GCACTTATAAACA CAAAAACCCTC TTCCTGGGGT TAATGTTAAT ACCTCCAAATG TCTATGCGGT TATTGTTTAA CCCTCAAATAA ACCACCCCGG CTAAAAAATAT TATTGTTTTA GGCACTTATAAACA CAAAAACCCTC TTCCTGGGGT TAATGTTAAA ACTCCAAATG TCTATGCGGT TATTGTTTTA TCTTTAAGAAA TAATTCCATAA ACCACCCCGG CTAAAAAATAT TATTGTTTTA GTCGGGGCAT TATTGTTTTA TCTTTTAAGAAA TAATTCCATCA TAAACCACCCTC TAAAAAAACAC TAATTCTTTAA CCTCCAAATA ACCACCCCCGG CTAAAAAATAT TATTGTTTTA GTCGGGGCAT TAATATTTCT TCTTAAGAAA TAACCCCTCT TAATAAAAAAA CCTCCAAATAA ACCACCCCCGG CTAAAAAATAT TATTGTTTTA GTCGGGGCAT TAATATTTTTT TCTTTAAGAAA TAAACCCTCT TAATAAAAAAA TAAACCAAAATAT TAATATTTTTT TCTTTAAGAAA TAACCCCTCTT ATAAACAAAT CTACTACTGG TCTTTTTAATCCATCA TAATATTTTTTTTTT		CCATAACCCC	CAMACCAMMA	COMMANACCCA	CITIACGGCG	GATAAGACIT	CGGCTAAAGC
CAAAACGGAT CGTCGTGTCT CGTCGTGTCT CGTCAAAACCG CGGAGATGAC CTTCAGCACTT CGGTCATCT CGTCGTGTCT CGTCAAAACCG CGGAGATGAC CTTCAGCACTT CGGTTACATT CAACAAGCCA CGGAGATGAC CTTCAGCACTT CAACACCACT CGATAAGCCA CTGCAGTAGC CGGAGATGAC CTGCAGTAGC CAAAACCAC CGATTACTCA CAACAAACTT CAACAAACTT CCGCCGGTAA ACCACCACG CGAAATGATG CTCAAACGCA CTCCAAACGCA CTCCAAACGCA CTCCAAACCAC CGCACTTAC CCGCCGGTAA ACCACCACG CGAAATGATG CTCAAACCACA CTCCAAACCAC CGCCGGTAA ACCACCACG CATAACACTA CCGCCGGTAA ACCACCACG CACACACACG CCGCCGGTAA CCGCCGGTAA CCGCCGGTAA CTCCAGTTC CACACACACG CTCAAAAATC CACACACACG CTCAAAACCAC CACACACCC CACACACCAC CACACACCAC		TA ATTCTCCCT	COMMONOMA	AMAMMCOMMO	GACGGTGAAA	AAGAA'I'GGGG	TAGCTCAGGC.
2101 CGTCGTGTCT GCTAAAACCG CGGAGATGAC TTCAGCACTT AATGCCAGTG CGGTTATATT 2161 TTTTGATCAA ACCAAGGCCA GCATTACTGA GATTAAGGCT GATAAGACAA CTGCAGTAGC 2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAACTTATG AAAAACGGTC AGCCAGTTAA 2281 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATGTC AACGGTAAGT CTCAAACGCA 2341 AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA 2401 AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT 2461 TTTTGATGAA CTGAAAATTG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC 2521 GATGTTGCCT AATATTTGGC TGCAATATGG TCAGTTAAA CTGAAAGCAA GCGGTGGTGA 2581 TGGTACATAT TCATGGTATT CAGAAAATAC CAGAAAATAC CAGAAAATAC CAGTATACAAAC ACTGTCGATG AATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG CACCGTCGTA AATTAAAGCC ACATCTGGTG ATAAGCAAAC 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAAA GTGGATAAGC AAGCCTATTA 2641 TGCTGATGCT ATGTCCATTT GCAAAAATAT ATTACCATCC ACACAGACGG TATTGTCAGA 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA ATTACCATCC ACACAGACGG TATTGTCAGA 2761 TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2881 AACTGCTTGG ATTAAACAGA CATCTAGTGA GCACTTATAA 2941 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAAATAT TATTGTTTTA GCTCGGGGCAT 3001 AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTGGGTATTA		CYYYYCCCYM	COMPACCOMP	ATATTGTTTC	AGGAACTGCA	ACTCTTGGGG	CAAATAGTGC -
221 AAATGTAAG GATGCTATTA AATATACTGT AAAAGTTATG AAAAACGGTC AGCCAGTTAA 2281 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATGTC AACGGTAAGT CTCAAACGCA 2341 AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA 2401 AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT 2461 TTTTGATGAA CTGAAAATTG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC 2521 GATGTTGCCT AATATTTGGC TGCAATATGG TCAGTTTAAA CTGAAAGCAA GCGGTGGTGA 2581 TGGTACATAT TCATGGTATT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG GCAGTGTCGT AATTAAAGCC ACATCTGGTG ATAAGCAAAC 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA 2761 TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2881 AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA 2941 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAAATAT CTACTACTG TCTTTTATC		CUMUNICACIONI	COMPANANCE	AGGCAACCGT	AACGTTGAAG	TCGAGTACGC	CAGGACAGGT
2221 AAATGGTAAG GATGCTATTA AATATACTGT AAAAGTTATG AAAAACGGTC AGCCAGTTAA 2281 TAATCAATCC GTTACATTCT CAACAAACTT TGGGATGTTC AACGGTAAGT CTCAAACGCA 2341 AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA 2401 AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT 2461 TTTTGATGAA CTGAAAATTG ACAACAAGGT TGATATTATT GGTAAAGCAA GCGGTGGTGA 2521 GATGTTGCCT AATATTTGGC TGCAATATGG TCAGTTAAAA CTGAAAGCAA GCGGTGGTGA 2581 TGGTACATAT TCATGGTATT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAAA GTGGATAAGC AAGCCTATTA 2761 TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2881 AACTGCTTGG ATTAAACAGA CATCTAGTGA GCACGTTCT GGAGTATCAA GCACTTATAA 2941 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAAATATG TATTGTTTTA GTCGGGGCAT 3001 AATTATTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTAGG TCTTTTTATC		CGTCGTGTCT	GCTAAAACCG	CGGAGATGAC	TICAGCACIT	AATGCCAGTG	CGGTTATATT:
AGCAACCAC GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT CAGAAAATTG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC CAGAAAATAT TCATGGTATT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA CAGTCACTTTG AATGGTAAAG GCAGTGTCGT AATTAAAGCC ACATCTGGTG ATAAGCAAAC CAGCATCAGTAAAAAC CACCGTCGTA TATGATAAAAA GTGGATAAGC AAGCCTATTA CAGAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA CAGCTTATAA CACCAGTCGT TATATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT CAGAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT CACCAGAAAAAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT CACCACCCCGG CTAAAAATAT CTACTACTGG TCTTTTATCCATT CAGCAAAAAAAAAAAAAAAAAAAAAA		1111GATCAA	ACCAAGGCCA	GCATTACTGA	GATTAAGGCT	GATAAGACAA	CTGCAGTAGC
AGCAACCACG GGAAATGATG GTCGTGCGAC GATAACACTA ACTTCCAGTT CCGCCGGTAA AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT CAGAAAATTG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA CAGCCACTTTG AATGGTAATG CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA CACCGTCGTA TATGATAAAAG CACCGTCGTA TATGATAAAAA GTGGATAAGC AAGCCTATTA CAGAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA CACTGTTGGATGCT ATGTCCATTT GCAAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA CACTGTTGGATGCT ATGTCCATTT GCAAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA CACTGTTGGATGCT ATTAAACAGA CATCTAGTGA GCACCTTTTA GAACTCAAT CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT CTTATTATCCATA ACCACCCCGG CTAAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATCC		MAATGGTAAG	GATGCTATTA	AATATACTGT	AAAAGTTATG	AAAAACGGTC	AGCCAGTTAA .
AGCGACTGTT AGTGCGACAG TCAGTGATGG GGCTGAGGTT AAAGCGACTG AGGTCACTTT 2461 TTTTGATGAA CTGAAAATTG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC 2521 GATGTTGCCT AATATTTGGC TGCAATATGG TCAGTTTAAA CTGAAAGCAA GCGGTGGTGA 2581 TGGTACATAT TCATGGTATT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG GCAGTGTCGT AATTAAAGCC ACATCTGGTG ATAAGCAAAC 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA 2761 TGCTGATGCT ATGTCCATTT GCAAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2821 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2881 AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA 2941 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT 3061 AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATCC		TAATCAATCC	GTTACATTCT	CAACAAACTT	TGGGATGTTC	AACGGTAAGT	CTCAAACGCA
TITIGATGAN CIGANANTIG ACAACAAGGT TGATATTATT GGTAACAATG TCAAGAGGTC STATEMENT CONTROL TO		AGCAACCACG	GGAAATGATG	GTCGTGCGAC	GATAACACTA	ACTICCAGTI	CCGCCGGTAA
2521 GATGTTGCCT AATATTTGGC TGCAATATGG TCAGTTTAAA CTGAAAGCAA GCGGTGGTGA 2581 TGGTACATAT TCATGGTATT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA 2641 AGTCACTTTG AATGGTAAAG GCAGTGTCGT AATTAAAGCC ACATCTGGTG ATAAGCAAAC 2701 AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA 2761 TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA 2761 TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT 2761 AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA 27761 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAAATAT TATTGTTTTA GTCGGGGCAT AATTATTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTTATC		AGCGACTGTT	AGTGCGACAG	TCAGTGATGG	GGCTGAGGTT	AAAGCGACTG	AGGTCACTTT
TGGTACATAT TCATGGTATT CAGAAAATAC CAGTATCGCG ACTGTCGATG CATCAGGGAA AGTCACTTTG AATGGTAAAG GCAGTGTCGT AATTAAAGCC ACATCTGGTG ATAAGCAAAC AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA GCAGAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		TTTTGATGAA	CIGAAAATIG	ACAACAAGGT	TGATATTATT	GGTAACAATG	TCAAGAGGTC
AGTCACTTTG AATGGTAAAG GCAGTGTCGT AATTAAAGCC ACATCTGGTG ATAAGCAAAC AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		GATGTTGCCT	AATATTTGGC	TGCAATATGG	TCAGTTTAAA	CTGAAAGCAA	GCGGTGGTGA :
AGTAAGTTAC ACTATAAAAG CACCGTCGTA TATGATAAAA GTGGATAAGC AAGCCTATTA TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		TGGTACATAT	TCATGGTATT	CAGAAAATAC	CAGTATCGCG	ACTGTCGATG	CATCAGGGAA .
TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT AACTGCTTGG ATTAAACAGA CATCTAGTGA GCACGTTCT GGAGTATCAA GCACTTATAA CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		AGTCACTTTG	AATGGTAAAG	GCAGTGTCGT	AATTAAAGCC	ACATCTGGTG	ATAAGCAAAC
TGCTGATGCT ATGTCCATTT GCAAAAATTT ATTACCATCC ACACAGACGG TATTGTCAGA TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTTATC		AGTAAGTTAC	ACTATAAAAG	CACCGTCGTA	TATGATAAAA	GTGGATAAGC	AAGCCTATTA
TATTTATGAC TCATGGGGGG CTGCAAATAA ATATAGCCAT TATAGTTCTA TGAACTCAAT AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		TGCTGATGCT	ATGTCCATTT	GCAAAAATTT	ATTACCATCC	ACACAGACGG	TATTGTCAGA
2881 AACTGCTTGG ATTAAACAGA CATCTAGTGA GCAGCGTTCT GGAGTATCAA GCACTTATAA 2941 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT AATTATTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		TATTTATGAC	TCATGGGGGG	CTGCAAATAA	ATATAGCCAT	TATAGTTCTA	ТСААСТ СААТ
2941 CCTAATAACA CAAAACCCTC TTCCTGGGGT TAATGTTAAT ACTCCAAATG TCTATGCGGT: 3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT 3061 AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		AACTGCTTGG	ATTAAACAGA	CATCTAGTGA.	GCAGCGTTCT	GGAGTATCAA	GCACTTATIA A .
3001 TTGTGTAGAA TAATTCCATA ACCACCCCGG CTAAAATATG TATTGTTTTA GTCGGGGCAT 3061 AATTATTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		CCTAATAACA	CAAAACCCTC	TICCIGGGGT	TAATGTTAAT	ACTCCAAATG	TOTATECECT :
3061 AATTATTTCT TCTTAAGAAA TAACCCTCTT ATAATCAAAT CTACTACTGG TCTTTTTATC		TIGIGIAGAA	TAATTCCATA	ACCACCCGG	CTAAAATATG	TATTGTTTTA	GTCGCGCCAT
3121 TGCTTAATAG G SEQ ID PO: 20		AATTATTTCT	TCTTAAGAAA	TAACCCTCTT	ATAATCAAAT	CTACTACTGG	TCTTTTTATC
	3121	TGCTTAATAG	G SEQ ID A	10:20			

,	CCIIICIMII	100000	_			
1 61	CCCAMARATAA	ATCCGATCTA	TTAATATAAT	TTATTTCTCA	TTCTAACTCA	TTGTGGTGGA
121	accurvacur.	GAGTACTCAT	GGTTGTTATA	CCCGGACCCG	GCACAAGCAT	22CCm2222
181	VVVCVIIGHI	TATGCTTAGT	GCTGGTTTAG	GATTGTTTT	' TTATGTTAAT	CACAAmmeam
241	JIGCAAAIGG	TGAAAATTAT	TTTAAATTGG	GTTCGGATTC	AAAACTGTTA	ACTICATICATIA
	GCTATCAGAA	TCGCCTTTTT	TATACGTTGA	AAACTGGTGA	AACTGTTGCC	СУпститета
301 361	MATCGCMAGA	TATTAATTA	TCGACGATTT	GGTCGTTGAA	TAAGCATTTA	ጥልሮልርጥጥርጥር
421	AAAGCGAAAT	GATGAAGGCC	GCGCCTGGTC	AGCAGATCAT	TTTGCCACTC	AAAAAACTTC
481	TOTTT GAATA	CAGTGCACTA	CCACTTTTAG	GTTCGGCACC	TCTTGTTGCT	GCAGGTGGTG
541	CCCAMCACAA	CACGAATAAA	CTGACTAAAA	TGTCCCCGGA	CGTGACCAAA	AGCAACATGA
601	ACTICCCATION	GGCATTAAAT	TATGCGGCAC	AACAGGCGGC	GAGTCTCGGT	AGCCAGCTTC
661	ACCOMMOGMO	TCTGAACGGC	GATTACGCGA	AAGATACCGC	TCTTGGTATC	GCTGGTAACC
721	y Cycarcary	ACAGTTGCAG	GCCTGGTTAC	AACATTATGG	AACGGCAGAG	GTTAATCTGC
781	AGAGIGGIGA	TAACTTTGAC	GGTAGTTCAC	TGGACTTCTT	ATTACCGTTC	TATGATTCCG
841	WANAWATIGOT.	GGCATTTGGT	CAGGTCGGAG	CGCGTTACAT	TGACTCCCGC	TTTACGGCAA
901	MUCAMORCO	GGGTCAGCGT	TITITICCITC	CTGCAAACAT	GTTGGGCTAT	AACGTCTTCA
961	1 TOWT CAGGA	TTTTTCTGGT	GATAATACCC	GTTTAGGTAT	TGGTGGCGAA	TACTGGCGAG
1021	ACIAITICAA	AAGTAGCGTT	AACGGCTATT	TCCGCATGAG	GCGCTGGCAT	GAGTCATACC
1021	MINAGAAAGA	CTATGATGAG	CGCCCAGCAA	ATGGCTTCGA	TATCCGTTTT	AATGGCTATC
1141	TACCGTCATA	TCCGGCATTA	GGCGCCAAGC	TGATATATGA	GCAGTATTAT	GGTGATAATG
1201	1TGCTTTGTT	TAATTCTGAT	AAGCTGCAGT	. CGAATCCTGG	TGCGGCGACC	GTTGGTGTAA
1261	ACTATACTCC	GATTCCTCTG	GTGACGATGG	GGATCGATTA	CCGTCATGGT	ACGGGTAATG
1321	AAAATGATCT	CCTTTACTCA	ATGCAGTTCC	GTTATCAGTT	TGATAAATCG	TGGTCTCAGC
1381	MAATTGAACC	ACAGTATGTT	AACGAGTTAA	GAACATTATC	AGGCAGCCGT	TACGATCTGG
1361	TTCAGCGTAA	TAACAATATT	ATTCTGGAGT	ACAAGAAGCA	GGATATTCTT	TCTCTGAATA
1501	TICCGCATGA	TATTAATGGT	ACTGAACACA	GTACGCAGAA.	Chiala Calabade	AMCCMMA ACA
1561	ACAMMON CON	TCTGGATCGT	ATCGTCTGGG	ATGATAGTGC	ATTACGCAGT	CAGGGCGGTC
1621	MGMTTCAGCA	TAGUGGAAGU	CAAAGCGCAC	AAGACTACCA	كالعلاملتين لأبلت كالك	COMCOMMANA
1681	COTOTALCA	CAGCAATATT	TATAAAGTGA	CGGCTCGCGC	CTATGACCGT	AATGGCAATA
1741	GCTCTAACAA	TGTACAGCTT	ACTATTACCG	TTCTGTCGAA	ፕሮርጥር እ እርጥ፣	GTCGACCACC
1801	TIGGGGIMAC	GGACTTTACG	GCGGATAAGA	CTTCGGCTAA	ACCCCAMAAC	CCCC AMA CCA
1861	TIACITATAC	CGCGACGGTG	AAAAAGAATG	GGGTAGCTCA	GGCTAATGTC	CCTGTTTCAT
1921	TIMATATICT	TTCAGGAACT	GCAACTCTTG	GGGCAAATAG	TGCCAAAACG	GATGCTAACG
1981	CCCCCCACAR	CGTAACGTTG	AAGTCGAGTA	CGCCAGGACA	GGTCGTCGTG	TCTGCTAAAA
2041	CCGCGGAGAT	GAGTTCAGCA	CITAATGCCA	GTGCGGTTAT	ATTTTTTGAT	CAAACCAAGG
2101	CCAGCATTAC	TGAGATTAAG	GCTGATAAGA	CAACTGCAGT	AGCAAATGGT	AAGGATGCTA -
2161	TTAAATATAC	TGTAAAAGTT	ATGAAAAACG	GTCAGCCAGT	TAATAATCAA	TCCGTTACAT
2221	TCTCAACAAA	CTTTGGGATG	TTCAACGGTA	AGTCTCAAAC	GCAAGCAACC	ACGGGAAATG
2221	ATGGTCGTGC	GACGATAACA	CTAACTTCCA	GTTCCGCCGG	TAAAGCGACT	GTTAGTGCGA
2341	CAGICAGIGA	1GGGGC1GAG	GITIAAAGCGA	CTCACCTCAC	UNY ATTRIBUTED IN	CAROMORANA
2401	TIGACAACAA	GGTTGATATT	ATTGGTAACA	ATGTCAGAGG	CGACTTCCCT	. DODDOMENANA
	IGCWAINIGG	TCAGTTTAAA	CIGAAAGCAA	GCGGTGGTGA	ጥረርጥል ሶን ጥልጥ	ጥሮእሞሮሮጠእጠጠ
2461	CAGAAAATAC	CAGTATCGCG	ACTGTCGATG	CATCAGGGAA	ACTICA CTITICS	አ መሮሮሞአአአሮ
2521	GCAGTGTCGT	AATTAAAGCC	ACATCTGGTG	ATAAGCAAAC	እርጥ እርጥጥ እር	A COUR COUR LA SA SA CO
2581	CACCGTCGTA	TATGATAAAA	GTGGATAAGC	AAGCCTATTA	TECTEATECT	እጥርጥ ሶር አጥጥጥ
2641	GCAAAAATTT	ATTACCATCC	ACACAGACGG	TATTGTCAGA	TATTTATCAC	TO TO TO THE TOTAL PROPERTY OF THE TOTAL PRO
2701	CIGCAAATAA	ATATAGCCAT	TATAGTTCTA	TGAACTCAAT	A A CTIC CTUTIC C	300033303C3
2761	CATCTAGTGA	GCAGCGTTCT	GGAGTATCAA	GCACTTATAA	የርጥልልጥልል ዮል	C7 7 7 7 CCCTTC
2821	110016661	TAATGTTAAT	ACTCCAAATG	ጥርጥልጥር ርርርጥ	ጥጥርጥርጥን ር አ እ	CO CODOR ED
2881	ACCACCCCGG	CTAAAATATG	TATICITITA	GTCGGGGGCAT	עיייטעויעט עיניאטע ע	momma a c a a a
2941	TAACCTCTTA	TAATCAAATC	TACTACTGGT	ىلىكىنى لايلىملىملىملىت	CCTTD ATTACC	mememen a a
3001	AGAGACACAT	TCACGTTTTC	TAGAGTAGGT	TGATCCAACC	ACCCTCTATA	ሮሮሽ እ አ ሮ ሮሞሮ እ
3061	ATCACATCAA	GCAACAACTA	TGCTCACAAC	ATCCACACAA	TAAAAA SEQ	ID 40:21
					-	







TATA-Box

Operator II Eco RI

Soprator II Eco RI

AATAGATTCA ATTGTGAGCG GATAACAATT TCACACAGAA TTCATTAAAG

INTERPRETATION ATTGTAAGC GATAACAATT TCACACAGAA TTCATTAAAG

ATG GATAGAAATT AACTATGAGA GGATCGCATC ACCATCACCA TCACGGATCC

RBS/SD

Bam HI

151

GCATGCGAGC TCGGTACCCC GGGTCGACCT GCAGCCAAGC TTAATTAGCT

Soph I Sac I Kpn I Sma I Sal I Pat I Hind III

Stop 1 2 3

201 GAGCTTGGAC TCCTGTTGAT AGATCCAGTA ATGACCTCAG AACTCCATCT SEQ ED NO:25